Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas - Also Maryland, New Jersey and Delaware

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Cherries are ripe

By JOANNE SPAHR

NCASTER, Pa. - The cherry harvest has in many parts of caster Farming's age area, and from all ts, ardent home ers should be dering getting their early. Nearly every orchardist spoken to in Lancaster, York, Adams, Chester, and Berks counties report having a "light" crop this year, mainly due to two damaging frosts which hit during the month of April.

The quality of the cherries, on the other hand, has been termed "very good" to "excellent" because of the dry weather Pennsylvania had been experiencing prior to this week. According to growers, the small amount of rain keeps the cherries from swelling, causing a more concentrated sugar content per individual fruit.

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Leaf beetle stung

By DIETER KRIEG

NCASTER - If you have in your field - more ifically cereal leaf es - there's a way of g your property of the which involves neither icals nor fly swatters. An imported parasitic wasp will do the trick.

According to Lancaster County Agent Arnold Lueck, the cereal leaf beetle appears to be firmly established in all sections of the County, with the northern and eastern areas having the greatest numbers. Lueck was out Wednesday afternoon introducing the biological killer into fields in the area. It'll take a couple of years

[Continued on Page 38]

Credit law scored

By JOYCE BUPP
York Co. Reporter

ORK, Pa. Where's the rest wastebasket? hat's the number one tion a farmer might ask n confronted with the es of paperwork he must and keep when owing money for his operation under the present Truth - in - Lending regulations.

Production Credit and Federal Land Bank organizations across the country are preparing testimony for hearings on Senate Bill 1312, the "Truth in Lending Simplification and Reform Act," scheduled in Washington for June 27, 28, and 29.

Senator William Proxmire, chairman of the Senate Committee on Banking, Housing and Urban Affairs, has set up hearings on the proposal which would

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Drought was coach

By DIETER KRIEG

ERNVILLE, Pa. - A nership of three brothers this Berks County munity is recording strong gains in milk duction, and they're g part of the credit to having learned how to farm during the dry years of the 1960's.

"The dry years of the mid-Sixties is what made us farmers - we learned to feed with nothing," commented Jim Yost, eldest of the three brothers who main responsibilities concern field work. The Yost Brothers, whose 200 acres of jointly owned land goes under the name of "Tri Y Farms," cultivate a total of 550 acres

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Berries bring $50

By JOANNE SPAHR

ANCASTER, Pa. - "I'm ing that my $50 gets me e free advice on growing wberries," quipped Sam h, Marietta, after paying ig ones for a quart box of nn "Buddy" Shenk's e-winning Jersey Belles Wednesday.

Shenk's berries were the grand champions of the Rotary sponsored Lancaster County strawberry round-up held during the Rotary Club's weekly luncheon at the Farm and Home Center, here.

Reserve champion honors went to, Jim Stauffer, Lancaster, a member of the Penn Manor 4-H Community Club. Stauffer also showed the Jersey Belle variety, and received $10 a piece for his quart boxes.

This is the second year in a row for 15-year-old Shenk, the son of Mr. and Mrs.

[Continued on Page 33]

Big prize offered

ANCASTER, Pa. - caster Stockyards ounced this week it will rd a $1,000 savings bond the consigner of the 0,000th animal to be sold its twice-weekly cattle tion here.

e auction pavilion at the kyards opened on April 64, and since then nearly illion head of cattle have purchased by meat packers at the Monday and Wednesday auctions.

Stockyard officials estimate the 1,000,000th animal will pass over the pavilion scales sometime in June.

William G. McCoy, Stockyards president, said, "We feel a $1,000 savings bond is a fitting way to celebrate another milestone at this historic site where cattlemen and buyers have traded since 1895."

Stockyard officials point out that steers, bulls, heifers and cows are being counted toward the 1,000,000th head.

To qualify for the $1,000 savings bond, cattle shippers must sell their livestock through one of nine commission firms operating on the Stockyards.

--Um-m-m boy! There's nothing quite like a fresh sweet cherry on the first day of the season. If Jennifer Shertzer, the daughter of Mr. and Mrs. Roy Shertzer, Lancaster R6, didn't know that before, she knows it now. Jenny lives right across the road from Cherry Hill Orchards, New Danville Pike, Lancaster, so she'll be getting her fill of that delicious fruit this season.

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June is dairy month

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Glenn "Buddy" Shenk prepares to hand his $50 quart of strawberries over to their new owner Sam Zuck, Marietta. Zuck bid the $50 during the Rotary Club - sponsored Lancaster County strawberry roundup and came up a winner.

Livestock market and auction news

Lancaster Market

Monday June 6, 1977

	Cattle	Calves	Hogs	Sheep
Today	1434	154	803	121
Last Monday	Holiday			
Last Year	1523	134	1012	148
Monday's Auction	1533	187	808	121
Last Monday's Auction	Holiday			

CATTLE: Compared to last Wednesday slaughter steers steady to 50 lower with early sales 50-75 lower, yield grade 4-5 1325-1525 lb. fully 1.00 lower; slaughter heifers 25-50 lower; cows 1.00-1.50 higher; bullocks steady; bulls steady although few sales yield grade 1 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1300 lb. 40.00-41.25, 4-5 1425-1475 lb. 37.50-39.50, couple lots mostly 5 1410-1510 lb. 35.00-36.60; Choice mainly 2 1050-1350 lb. 40.75-42.00; Choice 2-4 975-1350 lb. 39.00-41.00; high Good and low Choice 2-4 38.00-39.50; Good 2-3 34.50-38.25; Standard and low Good 1-2 33.00-35.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 37.00-38.60, couple 38.75-39.50; Good 2-3 750-950 lb. 31.50-35.50.

COWS: Utility 1-3 28.50-30.25; few 30.50-31.00; Cutter 1-2 25.50-28.50; Commercial 2-4 25.50-28.50; Canner and low Cutter 24.50-26.50.

BULLOCKS: Choice 975-1275 lb. 37.00-39.25; Good 975-1250 lb. 33.50-37.00.

BULLS: Yield grade 1 1100-1800 lb. 34.75-38.35, couple head 39.25-40.10; yield grade 2 1000-1350 lb. 31.75-34.75.

VEAL CALVES: Compared to last Wednesday vealers mostly steady.

VEALERS: Choice 55.00-65.00, few Prime 65.00-70.00, couple early 72.00-75.00; high Good and low Choice 48.00-55.00; Good 42.00-48.00; Standard and Good 80-110 lb. 35.00-40.00, few Standard 65-85 lb. 30.00-35.00.

RETURNED TO FARM: Bulk Standard and Good 90-105 lb. Holstein bulls 42.00-50.00, few 52.00.

SHEEP: Spring lambs mostly steady.

SPRING LAMBS: Choice 65-90 lb. 47.00-52.00, one lot 54.00; Good 60-90 lb. 35.00-44.00.

Vintage Market

Tuesday, June 7, 1977

	Cattle	Calves	Sheep
Today	1359	519	57
Last Tuesday	1544	450	75
Last Year	975	439	64

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 lower, few sales Choice and Prime 4-5 1.00-1.50 lower; slaughter heifers not fully tested, few sales 1.00-1.50 lower; cows 1.00-2.00 higher; bullocks about steady; bulls steady to 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1025-1350 lb. 39.50-41.00, few 41.00-41.50; 4-5 1200-1400 lb. 36.75-39.25; Choice mainly 2 1075-1300 lb. 40.50-41.85, eight head 42.00-43.00; Choice 2-4 975-1350 lb. 38.50-40.85, mainly 38.75-40.50; high Good and low Choice 2-3 37.50-39.00; Good 2-3 34.50-38.00; Standard 1-2 32.00-34.50.

SLAUGHTER HEIFERS: Choice 2-3 900-950 lb. 37.00-37.75; Good 2-3 725-950 lb. 31.25-34.50.

COWS: Utility 1-3 28.75-30.75, few 31.00-31.50; Commercial 3-4 27.00-29.00; Cutter 1-2 28.00-29.50, few 29.50-31.00; Canner and low Cutter 25.00-27.75.

BULLOCKS: Few Choice 1000-1250 lb. 36.25-38.00; Good 1000-1250 lb. 33.50-35.50.

BULLS: Yield grade 1 1100-1650 lb. 34.50-37.50, few 37.50-37.85; yield grade 2 1000-1350 lb. 32.00-34.50.

VEAL CALVES: Vealers uneven, Good and Choice weak to 2.00 lower, Standard and Good 80-115 lb. strong to 4.00 higher. Supply included 346 in graded sale of which 35 per cent sold to return to farm.

VEALERS: Choice 54.00-58.00; high Good and low Choice 46.00-54.00; Good 42.00-48.00; Standard and Good 90-115 lb. 38.50-44.00, few Standard 70-85 lb. 34.50-39.00.

RETURNED TO FARM: 120 head Standard and Good 90-115 lb. Holstein bulls 47.50-49.50.

SHEEP: Choice spring lambs firm to 2.00 higher, Good steady.

SPRING LAMBS: Choice 65-90 lb. 47.00-54.00; Good 50-85 lb. 38.00-46.00.

Lancaster Auction

Wednesday June 8, 1977

	Cattle	Calves	Hogs	Sheep
Today	1794	60	625	28
Last Wednesday	1775	144	947	95
Last Year	832	78	563	3
Wednesday's Auction	1798	63	628	28
Last Wednesday's Auction	1841	159	977	98

CATTLE: Compared to Monday slaughter steers 25-1.00 lower with most decline on early sales; slaughter heifers 50-1.00 lower; cows fully steady, instances 1.00 higher on Cutter; bullocks weak to 1.00 lower; bulls steady to firm.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1350 lb. 39.50-40.85, load Choice and Prime 2-3 1250 lb. 41.35; high Choice and Prime 4-5 1275-1450 lb. 38.50-39.50, few head mainly 5 1380-1525 lb. 34.75-35.50; Choice mainly 2 1000-1350 lb. 39.50-40.85; Choice 2-4 1000-1350 lb. 38.00-40.00; high Good and low Choice 2-3 37.50-39.25; Good 2-3 35.00-38.50; Good and Choice 1160-1440 lb. Holsteins 35.00-35.75; Standard and low Good 1-2 31.00-34.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 37.00-38.00, few mostly 4 33.75-35.75; Good 2-3 775-975 lb. 33.00-37.00.

COWS: Utility 1-3 28.50-30.50; Commercial 2-4 27.50-29.50; Cutter 1-2 26.50-29.00, few 29.50-31.00; Canner and low Cutter 24.50-27.00.

BULLOCKS: Choice 1000-1300 lb. 36.50-38.50; Good 1000-1250 lb. 33.00-36.50.

BULLS: Yield grade 1 1100-1650 lb. 34.50-38.50, few 38.50-40.00; yield grade 2 1000-1350 lb. 32.50-35.50.

VEAL CALVES: Vealers mostly steady.

VEALERS: Choice 55.00-65.00, few Prime 68.00-75.00; high Good and low Choice 48.00-55.00; Good 42.00-48.00; Standard and Good 80-110 lb. 34.00- 42.00.

SHEEP: Few Spring lambs fully steady.

SPRING LAMBS: Choice 60-85 lb. 48.00-54.00.

SLAUGHTER EWES: Utility and Good 12.00-16.00.

New Holland

Thursday, June 9, 1977

	Cattle	Calves	Sheep
Today	1452	480	36
Last Thursday	1541	534	35
Last Year	1438	413	62

CATTLE: Compared to last Thursday slaughter steers mostly 1.00 lower, although Standard and Good Holsteins mostly steady; slaughter heifers 50-1.00 lower; cows 1.00-1.50 lower; bullocks weak to 1.00 lower; bulls mostly steady. Supply included 65 per cent slaughter steers, 20 per cent cows, 9 per cent bulls, 4 per cent heifers with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-13425 lb. 39.35-40.75; Choice mainly 2 1975-1325 lb. 39.75-41.00, six head 41.75-43.00; Choice 2-4 975-1325 lb. 38.00-40.00; high Good and low Choice 2-3 37.50-39.00; Good 2-3 34.50-38.00; Standard and low Good 1-2 31.25-34.25.

SLAUGHTER HEIFERS: Choice 2-3 800-1000 lb. 35.50-38.00; Good 2-3 32.00-35.50.

COWS: Utility and Commercial 1-3 26.50-28.50, few Cutter and Utility 29.00-30.00; Cutter 1-2 25.50-28.25; Canner and low Cutter 23.00-25.00.

BULLOCKS: Choice 1000-1350 lb. 36.50-38.75; Good 950-1175 lb. 32.00-35.50.

BULLS: Yield grade 1 1100-1800 lb. 34.50-37.00, few 37.00-38.00; yield grade 2 1000-1300 lb. 32.00-34.50.

VEAL CALVES: Vealers 2.00-5.00 lower.

VEALERS: Choice 55.00-65.00, few Prime 65.00-70.00; high Good and low Choice 45.00-55.00; Good 38.00-45.00; Standard and Good 90-110 lb. 25.00-32.00, few Standard 65-90 lb. 20.00-25.00.

RETURNED TO FARM: Bulk 90-110 lb. Holstein bulls 34.00-43.00, few 43.00-45.00.

SHEEP: Spring lambs weak to 2.00 lower; slaughter ewes 2.00-3.00 lower.

SPRING LAMBS: Choice 45-75 lb. 45.00-50.00; Good 40.00-46.00.

SLAUGHTER EWES: Utility and Good 11.00-18.00.

Lancaster Weekly

Friday, June 10, 1977

	Cattle	Calves
This week	7000	1225
Last Week	5675	1142
Last Year	5086	1067

CATTLE: Slaughter steers 50 to mostly 1.00 lower, few sales high Choice and Prime 4-5 1.50 lower; slaughter heifers 1.00 lower, instances 1.50 lower; cows uneven, sales during the week mainly steady to 50 higher than last week's close although sales at the close 1.00-1.50 lower; bullocks 50-1.00 lower; bulls steady instances 1.00 higher on yield grade 1. Supply included 66 per cent slaughter steers, 10 per cent cows, 6 per cent heifers, 5 per cent bulls with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-1350 lb. 39.35-41.00, few sales early 41.00-41.50, yield grade 4-5 1250-1450 lb. 36.75-39.50, couple lots mostly 5 35.00-36.50; Choice mainly 1050-1325 lb. 40.50-42.00, few head 42.00-43.00; Choice 2-4 975-1350 lb. 38.00-41.00, mainly 38.50-40.25; high Good and low Choice 2-4 37.50-39.25; Good 2-3 34.50-38.50; Good and Choice 1150-1450 lb. Holsteins 34.50-35.75; Standard and low Good 1-3 31.00-34.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 35.50-38.50, few 38.50-39.50, couple lots mostly 4 33.75-35.75; Good 2-3 750-1000 lb. 31.50-36.00.

COWS: Utility and Commercial 1-3 26.50-28.50 with sales early part of week to 30.50; Cutter 1-2 closed the week at 25.50-28.50; Canner and low Cutter 23.50-26.50.

BULLOCKS: Choice 1000-1350 lb. 36.50-38.75, few 39.00-39.25; Good 975-1250 lb. 32.00-35.50.

BULLS: Yield grade 1 1100-1800 lb. 34.50-38.50, few 38.50-40.10; yield grade 2 1000-1350 lb. 31.75-35.00.

VEAL CALVES: Vealers 2.00-500 lower although Standard and Good throughout the early part of week 2.00-3.00 higher.

VEALERS: Prime 65.00-70.00, few head 70.00-75.00; Choice 54.00-65.00; high Good and low Choice 46.00-55.00; Good 38.00-48.00; Standard and Good 90-110 lb. 25.00-32.00 with sales early part of week to 40.00; few Standard 65-85 lb. 20.00-28.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 42.00-50.00, few late 35.00-40.00.

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12:00 Noon Hay Straw & Ear Corn
12:30 P.M. Dairy Sale
1:00 P.M - Feeder Pig Sale
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6:30 P.M - Calf Sale
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Abram W Diffenbach, Manager Phone. 717 354-4341

Hog Markets

Lancaster Auction

Wednesday, June 8, 1977

HOGS: Barrows and gilts higher, instances 1.00 higher; sows 50-1.00 higher.

BARROWS & GILTS: US 1-2 200-240 lb. 46.00-46.50; Few US 1 200-235 lb. 47.50; US 2-3 200-245 lb. 45.50-46.25, 255-265 lb. 44.50-45.00.

SOWS: US 1-3 450-650 lb. 35.00-36.00, 350-450 lb. 34.00-35.00.

Lancaster Market

Monday, June 6, 1977

HOGS: Barrows and gilts 50-1.00 higher, instances 1.50 higher.

BARROWS & GILTS: US 1-2 200-245 lb. 45.50-46.50; Few US 1 200-235 lb. 47.00-47.50; US 2-3 200-255 lb. 44.50-45.50, Few 255-270 lb. 43.50-44.00.

SOWS: US 1-3 400-600 lb. 34.25-35.25.

Lancaster Feeder Pigs

Tuesday, June 7, 1977
FEEDER PIGS

TODAY	965
TWO WEEKS AGO	918

TREND: Compared to two weeks ago US 1-2 feeder pigs mostly steady, US 2-3 steady to 3.00 lower. All prices on a per hundred weight basis.

US 1-2 30-45 lb. 102-113, 25 head 20-30 lb. 106-114, 40-50 lb. 92-102, 50-60 lb. 82.50-93; couple lots 60-65 lb. 77-81, few 70-90 lb. 70-74.

US 2-3 40-50 lb. 91-97, 50-65 lb. 76.50-78.

Utility few 25-40 lb. 58-60.

Peoria Auction

Thursday, June 9, 1977

HOGS: 3000

Barrows & gilts slow, opening steady. US 1-2 200-230 lb. 44.50-45.00, 90 head 45.25; US 1-3 200-240 lb. 44.00-44.50.

Sows: 50 lower. US 1-3 350-500 lb. 37.50-38.00.

Vintage

Saturday, June 4

No. 1-210-240 lbs. 44.85-46.50; No. 2 and 3 210-240 lbs. 43.25-45.00; sows 310-560 lbs. 33.00-37.00; boars 170-490 lbs. 25.25-31.00; lightweights 140-185 lbs. 36.00-42.75; heavy straights 265-300 lbs. 40.00-42.75.

Wednesday, June 8

No. 1 210-240 lbs. 45.75-46.85; No. 2 and 3 210-245 lbs. 44.50-46.00; sows 285-650 lbs. 34.00-37.25; boars 210-445 lbs. 28.50-35.50; lightweights 140-180 lbs. 38.00-41.25; heavy straights 255-350 lbs. 36.25-44.00.

Indianapolis

Thursday, June 9, 1977

HOGS: 1500

Barrows & gilts moderately active, steady to 25 higher. US 1-2 200-230 lb. 45.00-45.25, 40 head 45.25; US 1-3 200-240 lb. 44.50-45.00.

Sows moderately active, steady instances 25 lower. US 1-3 350-600 lb. 37.00-38.00.

St. Louis

Thursday, June 9, 1977

HOGS: 5500

Barrows & gilts active, fully 50 higher. US 1-2 200-240 lb. mostly 44.50, about 300 head 44.75; US 1-3 200-250 lb. 44.00-44.50.

Sows uneven, generally steady. US 1-3 300-600 lb. 37.00-38.00.

New Holland

Monday June 6, 1977
Hog Auction

Today	1770
Last Monday	1145

TREND: Compared to last Monday no trend because market not reported.

BARROWS AND GILTS: US 1 200-235 lb. 46.25-47.00; US 1-2 195-250 lb. 45-25-46.25; US 2-3 190-250 lb. 44.75-45.50; Early Sales 44.10-44.75; 250-270 lb. 42.50-43.75

New Holland
Sales Stables
Wednesday, June 8

Reported receipts of 820 head.

No. 1-2 30-40 lbs. 90-102.50, 41-53 lbs. 90-103; No. 2-3 29-41 lbs. 79-103, 42-51 lbs. 80-92; No. 3 25-49 lbs. 81-90; Utility 26-38 lbs. 73-81.

New Holland Feeder Pig

Wednesday June 8, 1977
Feeder Pigs

Today	817
Last Wednesday	1197

TREND: Compared to last Wednesday feeder pigs generally steady. All prices on a per hundred weight basis.

US 1-2 30-50 lb. 90.00-103.00; US 2-3 30-50 lb. 75.00-92.00; 50-70 lb. 62.00-70.00

Lancaster Grain Prices

Thursday, June 9

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

The average prices quoted Thursday June 9 are as follows:

	Bid+	Offered+
Ear Corn	53.70	64.30
Shelled Corn	2.49	2.68
Barley	2.09	2.18
Oats		
Local	1.58	1.78
Western	1.95	2.12
Wheat	2.42	2.60
Soybeans	8.50	
Soybean Meal		300.00

Barley prices ranged from $1.80 to $2.20 per bushel this week. Wheat ranged from 2.30 to 2.60 per bushel, paid to the farmer.

+Bid is the price the dealer will buy from the farmer delivered to the mill. Sell is the price the dealer will sell for at his mill.

Futures Trading

(Closing Bids as of Thursday, June 9)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	39.80	42.25		42.90
July		45.75		47.00
Aug.	39.60	42.60		
Sept.				57.15
Oct.	39.25	37.15		
Nov.			5.15	58.35
Dec.	40.85	37.27		59.15
March			5.92	
April			6.54	
May			7.60	

Trend - Cattle are lower, Hogs are lower, Potatoes are lower, and eggs are higher.

Market Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing Bids as of Thursday, June 9)

	Wheat	Corn	Soybeans	Soybean Meal
July	2.39¾	2.42	8.66	235.80
Aug.			8.59	236.50
Sept.	2.47¼	2.43½	7.78½	217.30
Oct.				203.50
Nov.			7.45	
Dec.	2.57½	2.46¾		199.50
Jan.			7.48	
March	2.66½	2.54¼		

Trend-Corn is lower, Wheat is lower, Soybeans are lower and Soybean Meal is lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	573,000	1,088,000	96,000
Same period last week	438,000	829,000	71,000
Same period last year	583,000	956,000	93,000

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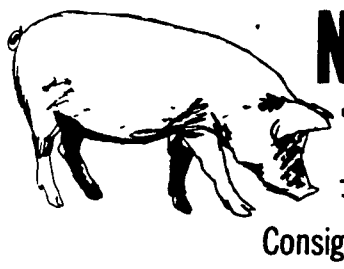

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Poultry Market Reports

Weekly New York Egg Market

From Monday, June 6 to Friday, June 10

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					+
ExLarge	55	55	55	56	56
Large	50	50	50	51	51
Mediums	41	41	41	41	41
Pullets	32	32	32	32	32
Peewees	20	20	20	20	20
BROWN					
Large	58	58	58	59	59
Mediums	Unquoted				
Peewees	Unquoted				
OFF GRADE					
Large	43	43	43	44	44
Checks	31	31	31	31	31

Tone - Full Steady to Firm.

NOTE: The quotations for last Friday's egg market were incorrect. Lancaster Farming apologizes for any inconveniences it may have caused producers and handlers.

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New England Weekly Shell Egg Report

Tuesday, June 7 1977

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EXLARGE	LARGE	MEDIUM	SMALL
MASS(X)	63-68	59-65	49-55	36-46
Mostly	64-66	60-63	50-53	38-43
NEW HAMP.	58-65	54-61	44-51	33-40
Mostly	62-63	58-59	48-49	37-38
R.I.	65-66	63-64	53-54	42-43
VERMONT	65-75	61-72	51-67	-
Mostly	67-69	63-67	53-57	-
MAINE	65-67	61-63	51-53	40-42

(X) INCLUDES CENTRAL AND WESTERN SECTIONS ONLY.

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	41	42
Class 2 - Large	45 lbs.	38	38
Class 3 - Medium	42 lbs.	30	30
Class 4 - Small	39 lbs.	25	24
Breaking Stock	48 lbs.	38	37
Checks	48 lbs.	33	32

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dieter Krieg, Editor
Joanne Spahr, Associate Editor
Laurel Schaeffer, Berks County Correspondent
Joyce Bupp, York County Correspondent

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For Address Change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

Fogelsville Poultry

Sale of
Tuesday, June 7, 1977

Prices paid dock weights, cents per pound, except where noted.

Hens, heavy type 10-29, mostly 20-27; Pullets 27-43, mostly 40-43; Roasters 10-40, mostly 25-32; Capons 25-32; Ducks 40½-60½, mostly 60½; Drakes 60½; Geese 30-40; Rabbits 50-73, mostly 65-73; Guineas 1.61½; Pigeons (per pr.)0 1.08-4.01;

Total coops sold 351.

Poultry Received - Mon. 7 p.m. to 10:30 p.m., Tues. 7 a.m. to 12 noon.

Directions - Take Rt. 22 thruway. Exit at Fogelsville Exit, North to stop lite in Fogelsville, turn left, proceed one block, turn left, again at Cracker Barrel Restaurant. Auction right side 100 feet from your last left turn.

Eastern Pa. & N.J. Poultry

Wednesday, June 8, 1977

Prices unchanged to lower on light type hens. Farm offerings very heavy for next several weeks due in part to current unprofitable egg prices. Processor demand fair though unagressive. Offerings of heavy type adequate for a fair call.

Prices paid at farm:

Light type hens 8-9 ½ mostly 9-9 ½; heavy type hens, too few to report.

FOB plant:

Light type hens 11-12.

Delmarva Poultry

Wednesday, June 8, 1977

Ready to cook movement continues very good on whole birds but slightly less agressive on parts. Slaughter schedules reduced in several quarters where weights lighter than desired. Today's LTL asking prices steady at 46 cents on Plant Grade and 47 cents on U.S. Grade A. Live supplies adequate to barely adequate. Undertone fully steady to firm.

Current broiler-fryer negotiated prices for immediate delivery including multiple-drop shipments to New York City from Delmarva:

RANGE: U.S. Grade A 45-48, Plant Grade 45-47, Premium Sales (X) U.S. Grade A 52.00, Premium Sales (X) Plant Grade 50.00. WTD. AVG.: U.S. Grade A 46.85, Plant Grade 46.14, Premium Sales (X) U.S. Grade A 52.00, Premium Sales (X) Plant Grade 50.00.

(X) Includes special services, selected competitive brands, etc.

Baltimore Eggs

Wednesday, June 8, 1977

Market steadier. Demand fair, supplies adequate to ample.

Cartoned eggs: Prices to retailers, state graded (Min one case sale) white.

Grade A Large	54-57
Grade A Medium	44-48

Hay Markets

Regional Hay

June 6, 1977

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)

New crop hay steady to $5 higher; Old crop hay little offered, steady to strong. Straw steady.

Alfalfa (New) 50.00-70.00; Old Crop 70.00-75.00; Mixed Hay (New) 45.00-65.00; Old Crop 55.00-60.00; Timothy Hay (New) 40.00-60.00; Old Crop 50.00-60.00; Straw 50.00-55.00, few to 65.00; Mulch 25.00-30.00.

Vintage Hay

Thursday, June 9

First crop alfalfa $60 a ton; (new crop) mixed hay $69; straw $65-$68; ear corn $61.

New Holland Hay

Monday, June 6
Total loads 42

All prices quoted by the ton delivered to the farm.

Several loads new hay 70 to 90; Alfalfa 65 to 100; Timothy 66 to 78; Mixed Hay 50 to 80; Straw 63 to 74; Ear Corn 71 to 76.50.

Philadelphia Eggs

Wednesday, June 8, 1977

Prices steady. Cartoning demand fairly good on larger sizes, fair otherwise. Offerings short on jumbos and extra large; adequate to fully adequate on smaller sizes. Undertone steady.

Prices to retailers-Sales to volume buyers, consumer grade white eggs in carton, delivered:

Extra Large 50-57; Large 48-51; Mediums 39-42.

Harvey Z. Martin

Wednesday, June 8, 1977
62 Loads

Alfalfa new 73-100; Alfalfa old 73-88; Clover 1 load 68; Orchard grass new 40 and 56; Mixed hay new 40-78; Mixed hay old 47-78; Timothy 1 load 70; Grass hay 1 load 51; Straw 55-76; Corn Stalks 44 per ton; Ear Corn 57-78; Shelled Corn 2.31 per Bu.; Soy bean hay 50.

★★★★★★★★★★★

June is dairy month

★★★★★★★★★★

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent - The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl. PACMA works directly with the PFA poultrymen in the program.

Farm point prices prevailing for fowl to be marketed by members during the week of June 6 were 9½-10¼, mostly 10.

Green Dragon

June 3, 1977
Prices Per Ton

24 Loads hay & 13 lo straw -

Alfalfa, few 58.00-87
Timothy, few 50 00-59
Mixed hay 50 00-72
Clover, couple 61 00 & 65
Straw 51.00-71.00, couple
84; Corn, 11 loads 66 00-76

Oklahoma Cattle

June 9, 1977

Thursday Feeder cat auction

Estimated receipts 11, same day last week 9,918.

Moderately active: Feed Cattle and Calves ne steady; majority of recei choice 450-800 lb feed Steers and 450-600 lb. feed Heifers; moderat attendance of buyers.

FEEDER STEERS Choice 300-500 lb. 41.00-44. 500-700 lb. 37.50-39 package 500 lb. at 42.60, 7 800 lb. 37.00-38.50, 800-880 36.75-37.50; Mixed Good a Choice 425-600 lb 36.50-38. 600-750 lb. 36.25-37.50; Go 400-500 lb. 36.75-37.50, 500- lb. 34.00-36.50.

FEEDER HEIFER Choice 400-700 lb. 32.00-35. small lot 553 lb. at 36.10, p load 752 lb. at 33.50; Mix Good and Choice 300-600 31.00-32.00; Good 400-700 28.00-30.25.

For the Week: Compar to late last week feed Cattle and Calves clos 1.00-2.00 lower, cows clos .50-1.00 lower, late sal utility und commercial 24.25-27.25, Cutter 1-3 22. 25.75, Bulls closed 1.00-1. lower; late sales YG 1-2 10 1800 lb. 29.00-35.00. Salab receipts near 24000 h compared to 17957 head l week and 18632 head t comparable week a y ago. Cows and Bulls near percent of cattle recei feeders near 88 percent the total.

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FAWN GROVE, PA. 17321

LEHMAN FEED STORE
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YORK SPRINGS, PA.

Livestock market and auction news

Chambersburg Auction

Chambersburg, Pa.
June 2, 1977

CATTLE 344. Compared with last Thursday's market, slaughter steers steady to strong. Slaughter cows 75 cents to $1.50 higher. Couple High Choice & Prime 1170 and 1180 lbs. slaughter steers 40.35 and 41.00, Choice No. 2-4 960-1350 lbs. 38.75-40.75, one at 42.00, Good 35.00-39.00, Standard 33.00-35.00, Utility 30.00-33.25. Few Choice 700-1050 lbs. slaughter heifers 33.75-36.85, one at 39.85, Few Good 29.25-33.00, few Standard 30.00-32.00, few Utility 25.10-29.25. Utility & High Dressing Cutter slaughter cows 29.35-31.75, Cutters 27.50-29.25, Canners 24.00-27.10, Shells down to 21.00. Few Good slaughter bullocks 35.10-39.25. few Standard 33.75-36.50, few Utility 31.60-32.85. Few Yield Grade 1 1475-2075 lbs. slaughter bulls 33.50-38.35. Medium & Good 350-600 lbs. feeder steers 32.75-36.50; Good & Choice 425-700 lbs. feeder bulls 30.25-33.50.

CALVES 569. Vealers grading Choice $4 to $10 lower; Standard & Good $3 to $5 higher. Choice vealers 48.50-57.50, Good 43.00-51.50, Standard & Good 110-130 lbs. 41.50-47.50, 90-110 lbs. 37.00-42.00. Standard 70-90 lbs. 32.00-38.00, Utility 90-105 lbs. 30.00-35.00. Farm calves active, holstein bulls 95-120 lbs. 39.00-50.00; slaughter calves, Good & Choice 225-350 lbs. 31.00-45.50.

HOGS 150. Barrows & Gilts 25 cents to 50 cents higher. Few lots US No. 1-2 205-230 lbs. barrows & gilts 44.10-45.85, No. 1-3 195-230 lbs. 43.35-44.00, No. 2-3 195-250 lbs. 42.60-43.25. Few US No. 1-3 425-575 lbs. sows 28.00-34.75, No. 2-3 350-625 lbs. 26.00-28.00. Few Boars 22.00-23.75.

FEEDER PIGS 127. US No. 1-3 30-35 lbs. feeder pigs 18.00-20.00 per head, No. 1-3 35-50 lbs. 24.50-34.00, few No. 1-3 50-75 lbs. 34.50-42.00, one lot Utility 25 lbs. 14.00 per head.

SHEEP 59. Choice 45-95 lbs. spring slaughter lambs 42.50-50.00, Good 60-130 lbs. 34.50-43.00, few Utility 70-75 lbs. 24.00-28.50. Few Slaughter ewes 10.00-21.50.

Danville Auction

June 6, 1977

STEERS: Good to Choice 36.00-38.00, Standard to Good 32.00-35.50, Other 29.00-32.00

HEIFERS: Good to Choice 32.00-34.60.

FEEDER STEERS: Standard to Good 35.00 to 42.00.

BULLS: 31.60-36.00.

COWS: High Choice to Prime 30.60 to 32.00, Good to Standard 28.00 to 30.25. Utility 25.50 to 27.85.

CALVES: Good to Choice 50.00 to 52.00, Standard to Good 30.00 to 48.00.

HOGS: 43.50 to 45.60.

SOWS: 28.00 to 36.00.

BOARS: 24.00 to 31.00.

LAMBS: 55.00 to 59.00.

Baltimore USDA

June 6, 1977

CATTLE 450: Slaughter steers and heifers 25-50 cents, instances 75 cents lower. Cows steady to $1.00 higher, bulls steady.

SLAUGHTER STEERS: Choice 2-4 1000-1300 lbs. 39.00-41.00; high Good & Choice 2-4 38.00-39.00; Good 2-3 1000-1300 lbs. 33.00-38.00.

SLAUGHTER HEIFERS: Choice 2-4 850-1050 lbs. 34.75-37.50; shipment mixed Good & Choice 2-3 900 lbs. 34.00; few Good 800-1050 lbs. 30.00-34.25.

COWS: Utility 2-3 26.50-30.00; few 30.25-30.85; Utility 2-3 beef cows 700-900 lbs. 24.00-27.25; Cutter 23.00-27.00.

BULLS: Yield Grade 1-2 1000-2150 lbs. 33.00-37.00; Individual 1530 lbs. 38.75.

HOGS: 800 Compared with last Thursday Barrows & Gilts 50-75 cents higher US 1-2 200-240 lbs. 43.75-44.00 small lot 44.25 US 230-260 lbs. 43.50-43.75.

SOWS: Steady U S 1-3 300-600 lbs. 33.00-34.00.

FEEDER CATTLE: Good heifers 350-575 lbs. 23.00-25.00.

VEAL & CALF AUCTION: 150: few Prime 100-325 lbs. Vealers 55.50-64.00; Choice 120-275 lbs. 40.00-52.00; Good 150-200 lbs. 30.00-40.00; Good & Choice 80-115 lbs. 31.50-38.50; 60-75 lbs. 27.50-31.50; Choice 275-375 lbs. calves 37.50-45.00; Good 250-350 lbs. 30.00-35.00.

SHEEP AUCTION 125: Choice & Prime spring lambs 86-104 lbs. 53.00-53.10; Choice 77-85 lbs. 50.00; Choice & fancy 69-73 lb. feeder lambs 38.50-40.00; Utility to Choice slaughter ewes 10.50-13.25.

Valley Livestock

Athens, Pa.
Monday, June 6

Reported receipts of 365 calves, 107 cows, 34 bulls, 53 heifers, 75 sheep, 72 hogs, and 8 steers. Cattle and calf market steady.

Veals 40.00-57.50; bobs 30.00-41.00; grasser & feeders 25.00 to 34.75; lambs 40.00-74.00; sheep 15.00-22.00; hogs 25.00-43.00; pigs 20.00-35.00; heifers 27.00-34.75; steers 30.00-34.25; bulls 30.00-37.50; cows, good 28.00-31.25; cows, medium 26.00-27.00; cows, poor or small 18.00-25.00; ponies 8.00-15.00; goats 12.00-30.00.

Lebanon Valley

Fredericksburg, Pa.
June 7, 1977

CATTLE 383. Compared with last Tuesday's market. slaughter steers 25 cents to 75 cents lower. Slaughter cows strong to $1 higher. Choice 950-1200 lbs. No. 2-4 slaughter steers 38.75-40.00, Good 35.75-38.25, Standard 32.60-35.00. Choice slaughter heifers 36.35-38.75, Good 33.35-34.75. Utility & High Dressing Cutter slaughter cows 27.85-29.50, Cutters 26.75-28.75, Canners 25.00-26.75, few Shells down to 20.35. Few Good slaughter bullocks 35.25-38.25, few Standard 32.10-33.10. Yield Grade No. 1 1100-1600 lbs. slaughter bulls 34.00-39.00, one 2100 lbs. 40.35. Good 350-700 lbs. feeder steers & bulls 35.00-39.00.

CALVES 175. Vealers grading Standard & Good 70-110 lbs. $2 to $4 higher. One Prime vealer at 68.00, Choice 57.00-63.50, Good 43.00-50.00, Standard & Good 90-110 lbs. 33.00-41.00, Standard 70-85 lbs. 31.00-36.00, Utility 60-80 lbs. 10.00-25.00. Farm calves, holstein bulls 90-120 lbs. 41.00-52.00, holstein heifers 90-130 lbs. 39.00-54.00.

HOGS 410. Barrows & Gilts 50 cents lower. US No 1-2 190-230 lbs. barrows & gilts 45.00-45.85, one lot 46.10, No 1-3 190-255 lbs. 44.35-45.00, few lots No. 2-3 220-245 lbs. 44.00-44.35. US No. 1-3 300-400 lbs. sows 32.25-35.50, No 1-3 400-675 lbs. 25-50-30.00

FEEDER PIGS 50. US No 1-3 30-60 lbs. feeder pigs 25.00-39.00 per head.

SHEEP 38. Mixed Good Choice 50-90 lbs. spring slaughter lambs 50.00-55.00, Utility 40-55 lbs. 46.00-50.00, Slaughter ewes 12.00-22.00

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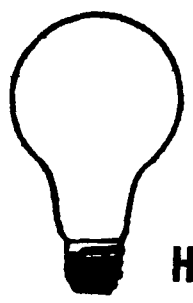

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7:00 P.M. - Small Animal Sale

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Walter H. Risser, Proprietor

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1st FAT HOG SHOW AND SALE

WEDNESDAY, JUNE 15TH

Judging 10 A.M. Show Sale 1 P.M.

Chairmen: Jack Forsyth, Lloyd Hoover, Pat McCoy

Judged and Sold in Lots of 10

3 CLASSES

Light — 195 to 210 Medium — 211 to 230
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- All Hog Feeders Eligible
- One Lot of 10 per Consignor
- Entries must be registered with a Commission Firm and received prior to 10 A.M.
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- Trophies to Grand Champion and Reserve Champion

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Livestock market and auction news

Sechrist Auction

CATTLE 218 Steers-High Choice and Prime 40.00-41.50;Good Choice 39.00-39.75; Good 37.50-38.50; Standard Good 35.00-36.75; Holsteins Good 34.00-34.75;Standard Good 32.00-33.50.Heifers - High Choice and Prime absent; Good to Choice 36.00-36.75;Good 34.00-35.50; Standard Good 31.50-34.75; Holsteins Good 33.00-34.00;Standard Good 30.00-32.00. Feeder Steers-Good and Choice absent;Standard Good 37.00-38.10; Utility 30.00-35.00. Bulls - Good and Choice Commercial 36.00-36.75; Standard to Good 34.00-35.50; Utility to Standard 28.00-32.00 Cows - High Yearling Commercial 28.00-29.60;Cutters 26.00-27.50;Canners Low Cutters 24.00-25.50;Shells 18.00-23.00. CALVES 132 Calves - Choice and Prime 64.00-67.00;Good and Choice 60.00-63.00;Standard and Good 50.00-55.00;Utility to Good 110-140 lbs. 45.00-49.00;Utility 90-110 lbs. 40.00-44.00;Culls 25.00-35.00.

HOGS 227 Hogs - U.S. No. 1 and 2, 190-220 lbs. 44.50-45.25;U.S. No. 1 and 3, 190-230 lbs. 43.50-44.00;U.S. No. 1 and 3, 180-250 lbs. 42.50-42.75. Sows - 250-375 lbs. 34.00-35.50;400-500 lbs 32.00-33.50. Boars - 300-500 lbs. 23.00-26.50.

SHEEP 9 Lambs - Good to Choice 45.00-56.00;Medium and Good 35.00-42.00. Ewes - 8.00-18.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 200-215 lbs. 43.50-44.00; Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. 43.25-43.50; Private Treaty Fat Hogs, No. 1 and 3, 190-229 lbs. 43.00-43.10.

Goats are gaining in popularity because people are discovering that goats are economical and their milk can't be distinguished from cows' milk.

Greencastle Auction

Greencastle, Pa
June 6, 1977

CATTLE 138. Compared with the market two week's ago; Few Choice 1015-1055 lbs. slaughter steers 39.00-39.10, couple Good 36.75 and 36.85, couple Utility 30.00 and 31.50. One Good slaughter heifer at 33.25, one Standard at 25.00. Utility and High Dressing Cutter slaughter cows 28.35-29.60, couple to 30.35; Cutters 25.00-27.85, Canners 23.10-25.35, Shells down to 20.00. One Standard slaughter bullock at 31.50, couple Utility 28.85 and 29.00-Couple Yield Grade No. 1, 1310 and 2055 lbs. slaughter bulls 35.60 and 37.00.

CALVES 168. Few Choice vealers 48.00-50.50, individual at 54.00, few Good 44.00-49.00, few Standard and Good 110-130 41.00-44.50, 90-110 lbs. 37.50-40.50, Standard 70-90 lbs. 35.50-38.50, few Utility 65-100 lbs. 30.00-36.00. Farm Calves: Holstein bulls 95-115 lbs. 38.50-45.00. Good and Choice 185-250 lbs. slaughter calves 36.00-45.50.

HOGS 55. US No. 1-3 210-245 lbs. barrows and gilts 44.00-44.50, few No. 2-3 220-240 lbs. 42.25-43.50, No. 2-4 250-275 lbs. 39.25-42.25, few No. 1-3 155-165 lbs. 34.25-35.50. Individual US No. 1-3 340 lbs. sow at 30.50. Individual Boar at 25.25.

FEEDER PIGS 34. US No. 1-3 30-35 lbs. feeder pigs 18.00-20.50 per head, No. 1-3 35-45 lbs. 24.50-30.50 per head.

SHEEP 7. Few Good and Choice 70-120 lbs. spring slaughter lambs 34.50-40.00. Couple Slaughter ewes 7.00-15.00.

Lancaster Feeder Cattle

Friday June 3, 1977
Feeder Cattle

Today	514
Last Friday	564

TREND: Market not fully tested, large share of supply mainly clean-up trade sold in lots of four or less. Few lots Choice 745-975 lb. steady; few lots Good 540-635 lb. fully steady.

FEEDER STEERS: Choice 825-965 lb. 39.00-40.50, one lot 740 lb. 40.35; couple lots mixed Good and Choice 920-960 lb. 38.00-38.25 and one lot 1060 lb. 36.35; few lots Good 540-635 lb. 34.25-37.00.

xxx

The State Civil Service Commission does not maintain information on vacant state civil service jobs. Applicants desiring vacancy information should contact the personnel office of the state agency where they wish to work.

Joliet Cattle

June 8, 1977

CATTLE: 3900 trading moderate. Slaughter Steers and Heifers opened fully 50, instances 75 lower. Supply mostly Choice Steers and Heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1225 lbs. 40.00-40.25, Load about 1375 lbs. 40.50. Choice 2-4 1050-1300 lbs. opened 39.00-40.00.

SLAUGHTER HEIFERS: Choice, few prime, 2-4 900-1100 lbs. 37.50-38.75, mostly 38.00-38.75. Mixed Good and Choice 2-3 700-1000 lbs. 36.00-37.50.

June 9, 1977

CATTLE: Salable receipts 9,300, last week 8,563, year ago 10,379. Slaughter Steers declined 1.00, instances 1.25 through Wednesday's trading. Heifers 75 to 1.00 lower. Most of the price downturn concentrated on Choice and Prime Steers opver 1150 lbs. Yield grade 4; larger percentage of run on Wednesday comprised of these kind. Slaughter Steers: High Choice and Prime 3-4 1100-1300 lbs. at mid-week mostly 39.00-40.25, load 3 about 1375 lbs. 40.50; early 40.00-40.75 and load 41.00. Choice and Mixed Choice and Prime 3-4, few 5, 1175-1350 lbs. 38.00-38.75. Choice 2-4 1050-1309 lbs. 39.00-41.00 late. Mixed Good and Choice 2-3 900-1250 lbs. 37.00-39.00. Mixed Good and Choice 2 and 3 1300-1550 lbs. Holsteins 37.00.

SLAUGHTER HEIFERS: Choice, few Prime, 2-4 900-1100 lbs. 37.50-38.75, Some Monday 39.25-39.50. Mixed Good and Choice 2-3 700-1000 lbs. 36.00-38.00.

COWS: Utility 1-3 26.00-28.00. Cutter 1-2 24.00-26.00. Canner 1-2 22.00-24.00.

Martinsburg Auction

Martinsburg, Pa.
June 6, 1977

CATTLE 422. Compared with 2 weeks ago market; High Choice & Prime slaughter steers 39.00-42.00, Choice 38.50-41.00, Good 36.50-39.00, Standard 33.00-35.00, Utility 30.00-33.00. Good slaughter heifers 34.00-38.00, Standard 32.50-35.00, Utility 28.00-32.00. Utility & High Dressing Cutter slaughter cows 28.00-30.50, Cutters 25.00-29.00, Canners 24.50-27.50, Shells down to 22.00. Good slaughter bullocks 33.50-37.50, Standard 32.00-35.00. Yield Grade No. 1 1000-2000 lbs. slaughter bulls 34.00-38.00; yield grade No. 2 900-1600 lbs. 29.50-34.00. Few Good & Choice 400-600 lbs. feeder steers 34.00-41.00; few Medium & Good 400-600 lbs. feeder heifers 25.00-32.00; few Medium & Good feeder bulls 28.00-37.00.

CALVES 393. Choice vealers 63.00-69.00, Good 50.00-60.00, Standard & Good 90-110 lbs. 39.50-49.50, Standard 70-90 lbs. 28.00-36.00. Farm calves, holstein bulls 100-125 lbs. 38.00-46.00.

HOGS 439. US No. 1-2 200-240 lbs. barrows & gilts 44.80-45.50, No. 1-3 195-230 lbs. 44.20-45.00, No. 2-3 195-240 lbs. 43.50-44.50, No. 1-3 145-190 lbs. 35.50-40.00. US No. 1-3 300-500 lbs. sows 31.50-35.00, No. 2-3 300-650 lbs. 30.00-32.00. Boars 20.00-25.00.

FEEDER PIGS 112. US No. 1-3 20-35 lbs. feeder pigs 22.00-32.00 per head.

SHEEP 27. Choice 65-105 lbs. spring slaughter lambs 47.00-53.00. Slaughter ewes 5.00-16.25.

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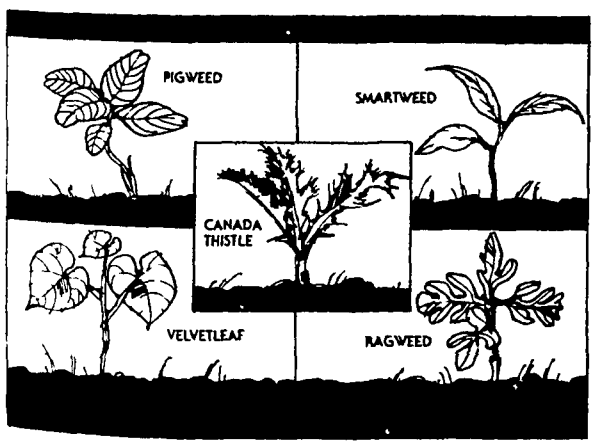

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THE OLD FARMER'S ALMANAC

June 13-19, 1977

Sun and shade in the glade.

Display Old Glory June 14 (Flag Day) ... And don't forget Dad June 19 (Father's Day) ... New moon June 16 ... Average length of days for the week, 15 hours, 18 minutes .. Soviets launch first woman in space for 48 orbits June 16, 1963 ... Statue of Liberty arrived in U.S. June 19, 1885 .. *Time is the herb to cure all diseases.*

Ask the Old Farmer: What is the derivation of the saying "tight as a tick," referring to an intoxicated person? D.J.Y., Sandusky, Ohio.

A tick will fill itself with blood until it can hold no more and then it is utterly helpless for a time — same as a drunk.

Home Hints: When hanging a coat or dress on the line to air, use two coat hangers hooked in opposite directions and the wind will not blow the garment off

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy, cool, showery, then Wednesday brings moderate rain, cool through Friday; hard rain over weekend.

Greater New York - New Jersey: Cloudy and cool with rain by midweek; week's end sunny

Middle Atlantic Coastal: Cool through Tuesday; moderate rain by mid-week, week's end clearing, very warm.

Piedmont & Southeast Coastal: Seasonal, some showers most of the week, Sunday sunny, very warm.

(All Rights Reserved Yankee, Inc Dublin, N H 03444)

Dewart Auction

Dewart, Pa.
June 6, 1977

CATTLE 229. Compared with 2 weeks ago market; Choice No. 2-4 975-1250 lbs. slaughter steers 39.00-40.85, Good 35.00-38.50, Standard 33.25-35.00. Few Good & Choice slaughter heifers 34.75-35.85, few Standard 33.00-33.50. Utility & High Dressing Cutter slaughter cows 27.75-30.85, Cutters 26.25-28.75, Canners 23.75-26.50. Couple Choice slaughter bullocks 37.75 and 38.75, few Good 34.50-36.25, few Standard 33.00-34.35, few Utility 30.35-33.00. Yield Grade No. 1 1300-2100 lbs. slaughter bulls 34.00-36.50.

CALVES 150. Supply included approximately 60 per cent farm calves. Few Prime vealers 60.00-69.00, Choice 55.00-63.00, Good 44.00-54.00, few Standard & Good 90-1130 lbs. 34.00-45.00, few Standard 70-85 lbs. 36.00-41.00. Farm calves, holstein bulls 90-120 lbs. 39.00-47.00.

HOGS 539. US No. 1-2 200-225 lbs. barrows & gilts 45.30-45.90, lot at 46.00, No. 1-3 190-240 lbs. 44.20-45.20, No. 2-3 220-270 lbs. 42.70-43.50. US No. 1-3 350-500 lbs. sows 33.00-36.25, No. 2-3 400-600 lbs. 27.50-33.50. Few Boars 24.50-30.50.

FEEDER PIGS 322. US No. 1-3 20-35 lbs. feeder pigs 26.00-36.00 per head, No. 1-3 35-50 lbs. 32.00-42.00, Utility 15-20 lbs. 18.00-21.00 per head.

SHEEP 33. Choice 75-100 lbs. spring slaughter lambs 45.00-53.00. Slaughter ewes 12.50-28.00.

New Holland Horse

New Holland
Sales Stables
Monday, June 6

Reported receipts of 430 head of horses, mules, and ponies. Market steady with last week's market.

Load of driving out of New York 450-550; load of riding and driving out of Tennessee, driving 370-1600, riding 350-1150; driving horses 175-510; riding horses 175-300; better horses 325-650; lightweight killers 20-24; heavyweight killers 28-31; mares 15-55; colts 10-25; geldings 15-50; larger ponies 65-150.

Carlisle Auction

June 7, 1977

CATTLE 281. Compared with last Tuesday's market, slaughter steers, Good 38.25-40.50, Standard 33.85-38.00, Utility 31.60-34.00. Good slaughter heifers 43.60-35.60, Standard 31.50-33.00, Utility 23.50-25.50. Utility and High Dressing Cutter slaughter cows 28.10-30.85, Cutters 25.50-29.00, Canners 23.50-26.00, Shells down to 19.00. Good slaughter bullocks 35.50-38.00, Standard 29.10-34.25.

CALVES 203. Good vealers 44.50-45.00, Standard and Good 110-130 lbs. 36.00-48.00, 90-110 lbs. 30.50-42.50, Standard 70-90 lbs. 23.00-32.50.

HOGS 271. US No. 1-2 190-230 lbs. barrows and gilts 43.10-45.85, No. 1-3 190-250 lbs. 39.75-43.00, No. 2-3 260-300 lbs. 35.75-36.75. US No. 1-3 300-500 lbs. sows 31.50-36.00, No. 2-3 300-650 lbs. 22.50-30.25. Boars 23.00-26.00

FEEDER PIGS 198. US No. 1-3 30-45 lbs. feeder pigs 26.00-31.00 per head, No. 1-3 40-60 lbs. 30.00-38.50, No. 1-3 60-80 lbs. 36.50-42.00 per head.

SHEEP 18. Good 60-80 lbs. spring slaughter lambs 57.00-61.00, Utility 40-70 lbs. 34.00-45.00.

East Coast Carlot Meats

June 8, 1977

Compared to Tuesday's close: trading moderate for most meat items as reported by the USDA. Choice 3 steer beef 50-75 higher. Choice beef cuts: arm chucks 50-1.00 higher. Spring lambs mostly steady to 1.00 higher. Prime special fed veal steady to 3.00 lower. Good and Choice Boning veal steady to 3.00 lower, most decline on Northeastern suppliers. Fresh pork loin 14-17 lbs. 75-1.00 higher.

STEER BEEF
(13 Loads Confirmed)

CHOICE 3: 600-800 lbs. 66.00, 50-75 higher.

CHOICE 4: 700-900 lbs. load 62.00.

GOOD 3: 600-800 lbs. 63.00.

COW BEEF
(4 Loads Confirmed)

UTILITY BONING: 1-2 600 lbs. up load 55.00.

CANNER-CUTTER: 1-2 350 lbs. up 56.50, 300-350 lbs. down few 54.00.

PRIMAL BEEF CUTS
Choice 3
(16 Loads Confirmed)

STEER HINDS: 145-190 lbs. 81.75-84.00.

FORES: 130-210 lbs. load 51.75, generally steady.

ARM CHUCKS: 90-130 lbs. 46.50-47.00, 50-1.00 higher.

STEER ROUNDS: 70-90 lbs. 74.00.

FULL PLATES: 28.50.

SHORT PLATES: 28.00-28.50.

BRISKETS: 33.00-34.00.

VEAL CARCASS-HIDE ON

PRIME (Special Fed): 180-250 lbs. 115.00-120.00, bulk 117.00, steady to 3.00 lower.

GOOD & CHOICE BONING TYPE: Northeastern Suppliers; 65-76 lbs. 59.00-64.00 1.00-3.00 lower; 55-64 lbs. 57.00-62.00 1.00-3.00 lower; 45-54 lbs. 55.00-60.00 1.00-3.00 lower; 35-44 lbs. 52.00-56.00 steady to 3.00 lower; 34 lbs. down 50.00-54.00 steady to 3.00 lower.

Midwest and West Coast Suppliers: 70-80 lbs. 64.00 steady; 60-70 lbs. 62.00 steady; 50-60 lbs. 60.00 steady; 40-50 lbs. 58.00 steady; 30-40 lbs. 56.00.

SPRING LAMB
Choice & Prime 3-4
(15 Loads Confirmed)

55 lbs. down 108.00, few 109.00 mostly steady; 55-65 lbs. 108.00, few 109.00 steady to 1.00 higher; 65-75 lbs. 108.00, few to 109.00 steady to 1.00 higher.

FRESH PORK CUTS

LOINS: 14 lbs. down 89.25-89.50; 14-17 lbs. 88.25-88.50, few 91.00 75-1.00 higher; 17-20 lbs. 82.00.

SKINNED JOWLS: 36.75.

CURED AND PROCESSED MEATS
(13 Loads Confirmed)

SKINNED HAMS: 16-19 lbs. 76.00 2.00 higher.

SEMI-BONELESS HAMS: 14-17 lbs. 96.00 steady.

BONELESS HAMS: 13-17 lbs. 117.00.

PICNICS: 5-7 lbs. 59.00.

1 LB. SLICED BACON VACUUM PACK: 107.00.

FRANKS, 70 beef, 30 Pork 1 lb. pack: 59.50-60.00 steady to 50 lower.

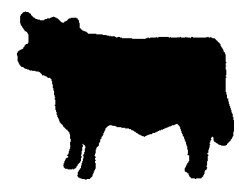
BOLOGNA, 70 Beef, 30 Pork 1 lb. pack: 64.00.

BONELESS BEEF
(1 Load Confirmed)

85 per cent chem. lean, fresh ltd.: 68.00.

BEEF TRIMMINGS
(3 Loads Confirmed)

50 per cent chem. lean, fresh: 30.50.



St. Louis Cattle

June 9, 1977

Receipts this week 9400: week ago 6600: year ago 7800.

As compared with last week's close, slaughter steers 1.00-2.00 lower, full decline on Choice. Holstein steers generally steady. Slaughter heifers 1.00-1.50 lower, most decline on Choice. Cows and bulls steady. Supply mainly Choice and mixed Good and Choice 2-4 1000-1200 lb. steers around 30 per cent heifers, 10 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1225 lbs. mostly 39.50, load Monday 39.85 and part load 2-3 1075 lbs. at 40.00. Not tested late. Choice 2-4 950-1350 lbs. 37.00-38.00. Mixed Good and Choice 2-4 900-1200 lbs. 36.00-39.00, closing 36.00-37.50. Good 2-3 900-1150 lbs. 34.50-38.00, not tested late. Standard to Good Holstein 2-3 1000-1250 lbs. 33.00-36.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 850-1025 lbs. 37.50-38.00 early, not tested late. Choice 2-4 800-1050 lbs. 35.75-38.00, some closing sales 35.75-36.50. Mixed Good and Choice 2-3 700-1000 lbs. 35.00-37.00, not tested late. Good 2-3 32.00-35.50.

COWS: Utility and Commercial 2-4 26.00-27.50. Boning Utility 1-2 23.00-26.50. Low Dressing Canner 20.00-23.50.

BULLS: Yield Grade 1-2 1000-1600 lbs. 30.00-33.00, load around 1300 lbs. 34.00

New Holland Dairy

New Holland
Sales Stables
Wednesday, June 8

Reported receipts of 95 cows, 18 heifers.

Load of Pennsylvania fresh 550-750; load of New York fresh 505-875, springers 750-785; load of Wisconsin fresh 545-800; load of Pennsylvania fresh 605-72

Herd dispersal 20 head all stages of lactation 27 525.

Local cows 450-94 springing heifers 540-63 bred heifers 435-575.

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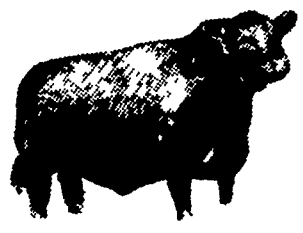

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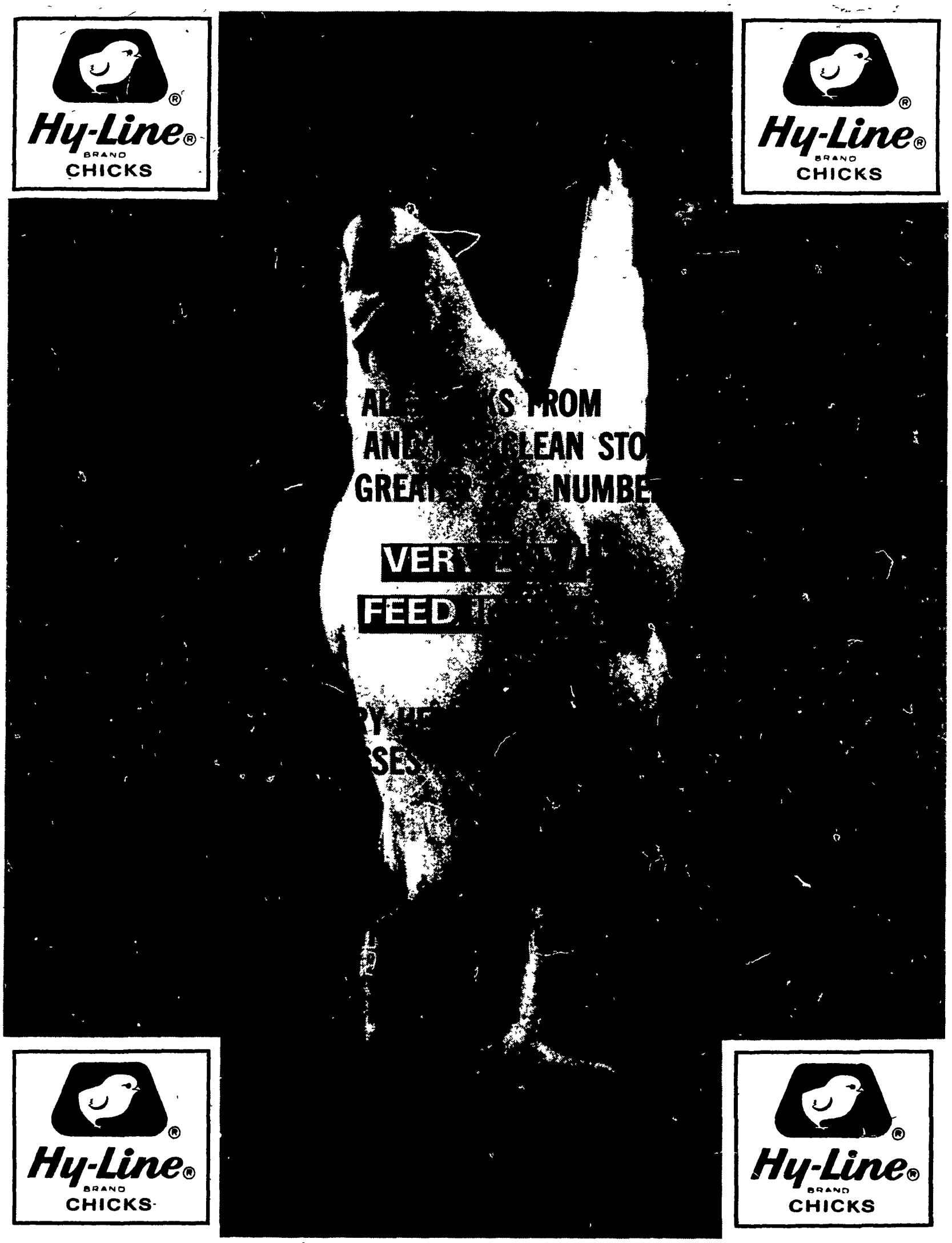

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EDITORIAL COMMENTS

BY DIETER KRIEG, EDITOR

Now they've done it all

So-called government scientists have done it all now. Would you believe they're finding fault with Mother's milk? According to those test tube maniacs the milk of a human Mother contains 20 dangerous substances.

What will they think of next?

Several things are disturbing about this totally ridiculous and yet frightening news. First of all, we, as taxed citizens are paying these blasphemous "scientists" to conduct such research. Secondly, this revelation of the government's work clearly indicates that some forces are indeed at work which are designed to ultimately control a person's nourishment.

The only enlightening note in this latest example of federal folly is that this should illustrate once and for all that government studies are often completely worthless. They're not worth paying attention to. And yet, we can't afford to ignore them, lest we be ensnarled by some maniac's idea of what's good for us.

It's a fact that the government is moving ahead with plans to influence the American diet, and while some beneficial effects may result from that, the additional meddling isn't likely to cause more good than it is harm.

With reports such as Mother's milk being harmful, what else can we expect? It's not too difficult to envision then a report which declares everything as unsafe unless it comes out of a test tube. We know that's untrue and impossible, but I'm not so sure about the idiots working in an environment which is obviously lacking sunshine, fresh air, good cooking, exercise, and lots of good old-fashioned dirt.

Dim-witted researchers are a hazard to our future.

LETTERS TO THE EDITOR

$1000 fine questioned

Editor, Lancaster Farming:

Those who are promoting this National Beef Checkoff say that the $1,000 fine for not paying refers only to packers. That is not true. The law is very clear on this matter. The Beef Research and Information Act states in Section 14B that "any person" who fails to remit or collect the assessment is subject to a fine of up to $1,000 for each violation.

The promoters of this will be collecting some $40 million to do their promoting and advertising of beef. That is $40 million each year. In ten years they will have collected nearly a half-billion dollars! This is going to a big money outfit - and the money will be going out of the pockets of farmers and ranchers and mostly into the hands of advertising agencies.

Also, what good is it to do for us to advertise beef if the price isn't any good? I'm not interested in selling more and more beef at prices we're getting today. But this beef checkoff won't do anything to help cattle prices. It will just be another tax on me, and I pay all the taxes I care to now.

I hope all cattlemen in this area will be sure to register for the upcoming referendum on this checkoff. If you don't register, you can't vote.

Yours truly,
Forney Longenecker
Lititz, Pa.

Miners don't advertise Cadillacs

Editor, Lancaster Farming:

I was greatly shocked at the number of articles in the May 28th issue promoting the Beef Checkoff Referendum. This is hardly unbiased journalism. You would have done your readers a service by interviewing your local farmers and getting their views. Now for my opinion as a part-time farmer who buys 20 dairy calves for raising beef.

I am definitely against the Beef Referendum which is direct invasion of the independent operation of any farm marketing system. Any farmer who votes for this referendum needs a psychiatrist. Let the fast-food boys (who already have the programs setup and spend millions) do the advertising which will then be fair since they would be promoting domestic beef and imported junk beef so tough you can't eat it unless it's ground. Not only that we see articles every day about foreign animal health problems yet this beef is continuously allowed to "invade" this country. With less than ¼ the meat inspection processes we face here, asking the beef feeder-supplier and the dairy farmer to vote in favor of this checkoff is like asking the Minnesota iron miner to give $.05 per hour out of his pay to advertise Cadillacs.

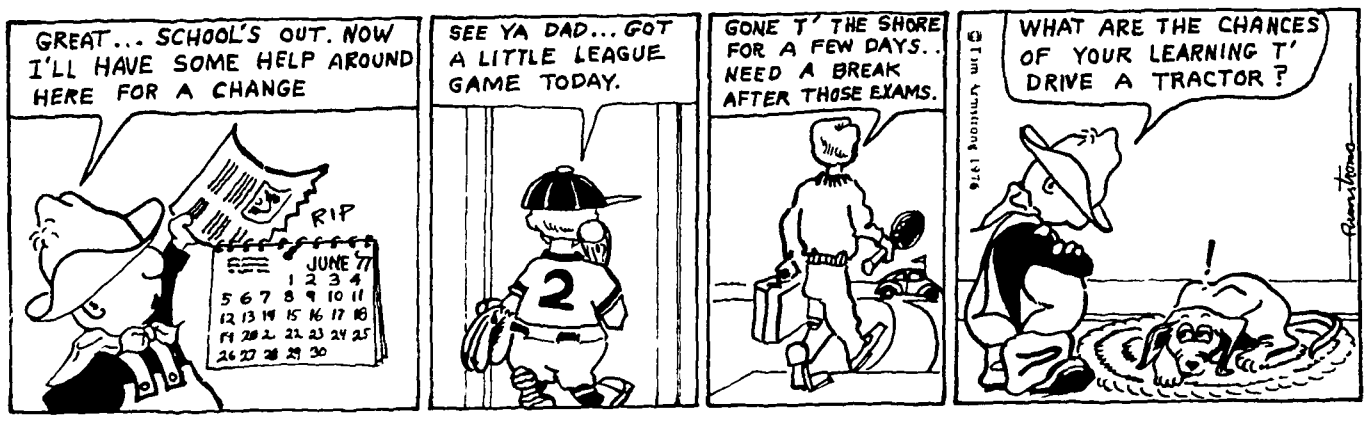
Have you ever stopped to consider the bureaucracy this would develop?

1. First the Federal Government would appoint 12 political hacks to $25,000 per year jobs.
2. New York's Madisio

[Continued on Page 31]

RURAL ROUTE

By Tom Armstrong


GREAT... SCHOOL'S OUT. NOW I'LL HAVE SOME HELP AROUND HERE FOR A CHANGE
RIP
JUNE '77
SEE YA DAD... GOT A LITTLE LEAGUE GAME TODAY.
2
GONE T' THE SHORE FOR A FEW DAYS.. NEED A BREAK AFTER THOSE EXAMS.
WHAT ARE THE CHANCES OF YOUR LEARNING T' DRIVE A TRACTOR?
!
© Tom Armstrong 1976

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY LAWRENCE W. ALTHOUSE

WHEN WE TURN ASIDE

Lesson for June 12, 1977

Background Scriptures: Exodus 3 through 4
Devotional Reading: Psalms 105: 1-3, 26-39

Moses was "washed-up." Brought up in royal circles as an Egyptian nobleman, his future seemed assured. He had everything a youngman could desire: wealth, education, and the right connections. But then, one day, in a flash of outraged anger, he murdered an Egyptian overseer who was beating a Hebrew slave. That changed everything. Although he had thought that there were no witnesses to his crime, he soon realized that he was a hunted man.

Moses fled into the barren desert wastes where he settled down into the simple life of an Midianite shepherd, a life he followed into his late years. Thus, when the story of Israel's deliverance from Egyptian bondage begins, Moses is a "washed-up has-been" whose youthful prospects have been allowed to wither in the desert.

"I will turn aside and see"

Yet, at this age when other men could only look back on careers long over, something happened in Moses' life so that he would ever after be known principally for what he did after his eightieth year! And it happened because, summoned by an encounter with God, Moses said: "I will turn aside and see this great sight" (Exodus 3:3).

A bush burned on the desert floor and yet it did not seem to be consumed. Moses could have shrugged it off as an illusion - one of those frequent tricks played by the rare desert air and sun. Like many of us, he might have reasoned that some evil spirit was behind it and thus given it a wide berth. Or, he may have been so intent on moving his flock to another desert strand of shrubgrass that he refused to take the time to investigate this strange sight.

Instead, this octegenarian failure decided to see for himself what was the meaning of this strange experience. In doing so, he changed the whole course of his life. By taking the time and interest to "turn aside and see," Moses encountered God. These few steps off the beaten path of his existance make all the difference and the writer of Exodus tells us, "When the Lord saw that he turned aside to see, God called to him out of the bush, 'Moses, Moses!' " (3:4).

"I have come down to deliver"

God tells Moses that he has "seen the affliction" of Israel, "heard their cry," and knows of their sufferings. This is a state of affairs that has been going on for some years. The people of Israel have lifted up numerous prayers and it must surely have seemed that their God either did not hear them or would not answer them. But God has heard and seen and it is his will that their affliction should be lifted. But until someone like Moses would "turn aside and see," God's purpose could not be fulfilled.

NOW IS THE TIME...

Max Smith
County Agr. Agent
Telephone 394-6851

TO REGISTER FOR BEEF REFERENDUM

I'm aware of the sides being taken on the current beef referendum; also, I'm not in the position to suggest how any producer should vote on this issue. However, I would like to suggest that local beef and dairy producers register at the local ASC office within the next week (by June 17) and then return to vote between July 5 and July 15. Information is available on the details of this program, if any producer needs more information. If we can have a large percentage of the beef and dairy producers in this country register and vote in this referendum, then it will reflect the thinking and opinions of a large number of people. If only a small percentage register and vote, then the decision is being made by a small number of producers. Here again, we urge that producers become familiar with the details of the program, then vote your decision.

TO CONTROL FLIES

The wet weather of the past week will increase the fly population on many farms. Until that time conditions were so dry the fly breeding program was a bit slow. However, the place to start is to practice good sanitation in and about all buildings. Remove manure and other filth and reduce the number of breeding places. We are informed of a new product named Rabon Oral Larvicide that can be safely fed to livestock and the material will kill the fly larvae in the manure. I am not sure of the availability of this new material but our source of information at Penn State states that is has clearance with food and regulation officials. Manure packs or piles can be sprayed or sprinkled with materials such as Dimethoate and Rabon for fly maggot control.

TO BEWARE OF WOOD TICKS

Families interested in picnics, nature hikes, or time spent in the woods or playground should be on the alert for wood ticks on their own bodies. These small brown ticks are found in many local areas and will attach themselves to the human body and suck blood; they can often be found near the hairline on the head and back of the ears. They have often been blamed for carrying Rocky Mountain Fever; therefore, they should be eradicated as much as possible. Picnic areas and playgrounds may be sprayed in advance of use with materials such as Diazonon or Sevin. Pets can be treated with Sevin dust.

TO BEWARE OF LIVESTOCK POISONS

All livestock producers are cautioned about the many sources of poisoning that can kill their animals. Many of the every-day pesticides should not be kept near any type of livestock. Empty containers are very dangerous and should be discarded under very strict supervision. During the summer months when storms may blow down limbs or trees of the wild cherry species; these wilting or wilted leaves are poisonous to most kinds of livestock. Therefore, if wild cherry trees are in or near pastures the owner should make a prompt inspection after a storm and remove the limbs or fallen trees; better yet, we suggest that the wild cherry trees be cut down and removed from the pasture area.

Farm Calendar

Today, June 11

York County Pork Producers annual barbecue, Elicker's Grove, 4 to 8 p.m.

Monday, June 13

York County 4-H Archery tryouts, 4:30 p.m. at the Truman Smith Archery Shop.

Tuesday, June 14

Cedar Crest Young Farmers' annual banquet, 7 p.m. at Schaefferstown Fire Hall.

Board of Directors meeting of the Lancaster Farm and Home Foundation, 8 p.m. in the Conference Room of the Farm and Home Center.

Wednesday, June 15

Cumberland County dairy princess contest.

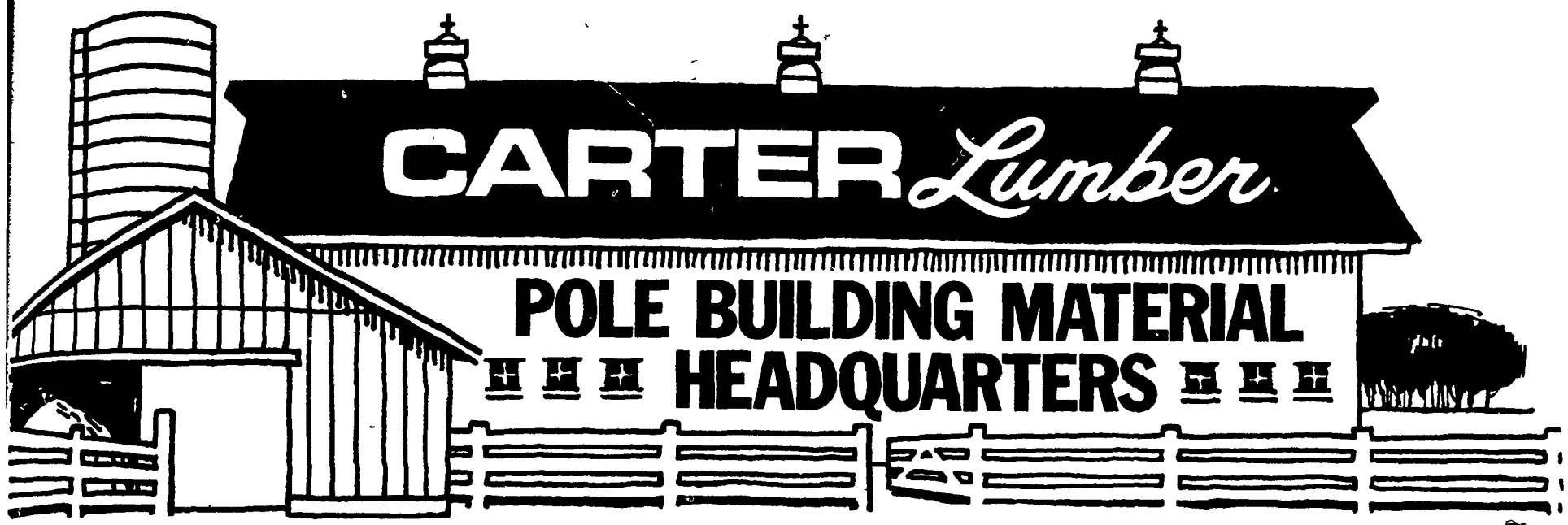
Agricultural meeting for Berks County to discuss beef referendum, 1977 wheat, barley, corn, sorghum, and tobacco crop acreage reports, farm storage facility dryer loan programs and commodity loans 8 p.m. at the Ag Center west of Reading.

Orchard equipment demonstration at Pitz Brothers Fruit Farm, Aspers R1, 4 p.m. to dark.

Five-County 4-H Camp at Hidden Valley. Continues through June 18

Pond weed management meeting sponsored by the York County Extension Service, 7:30 p.m. at the Production Credit

[Continued on Page 31]



FABRAL CORPORATION METAL ROOFING & SIDING

LENGTHS	DOUBLE-RIB ALUMINUM HI-STRENGTH ALLOY WIDTH 48" NET	GALVANIZED STEEL 29 GAUGE WIDTH 32" NET	1¼"-29 GAUGE CORRUGATED GALVANIZED WIDTH 24" NET
7'	—	4.96	3.67
8'	7.62	5.67	4.19
9'	—	6.39	4.71
10'	9.53	7.09	5.25
11'	—	7.79	—
12'	11.43	8.51	6.29
14'	13.33	9.93	—
16'	15.25	—	—
18'	17.15	—	—
20'	19.06	—	—
22'	20.97	—	—

A COMPLETE LINE OF MATCHING ACCESSORIES

1 PIECE RIDGE CAP	52½" .. 3.70	—	10'. . 4.15
2 PIECE RIDGE CAP	52½".. 4.65	52½ set. 4.07	—
10' RIDGE ROLL	$6.15	3.57	—
END WALL FLASHING	52½" . 2.75	52½ 3.10	28" . 1.51
12' FIBERGLASS GREEN	49⅜". .15.96	33½" .10.83	—

Annular-Thread METAL ROOFING NAILS

WITH FLAT NEOPRENE WASHER

	ALUMINUM 500 PACK	GALVANIZED 5 lbs.	GALVANIZED 50 lbs.
1¼"	4.72	—	—
1¾"	5.32	5.37	44.72
2"	5.85	5.32	47.15
2½"	4.41	5.32	44.82

BARN DOOR HARDWARE

*51-16 Galvanized RAIL...6',8',10',12.. per ft.	$ 1.10
*52 Galvanized HANGER..... pair	11.07
*F51 Galvanized BRACKET	.86
*G51 Galvanized BRACKET	1.33
*H51 Galvanized BRACKET	3.26
*59A Galvanized RAIL..... per ft.	2.03
*53 Galvanized HANGER..... pair	12.66
*HS51 Galvanized BRACKET	4.61
*18 STRAY ROLLER	1.66
*2110-8 GATE HOOK	2.94
*17 DOOR BUMPER..Alum 1.08 ..... Galv.	1.98

BARN & DROP SIDING

Pattern No. 116

1x10		.27½ Lin. Ft.	$326.00

ABOVE PRICES PER M BD. FT.

SQUARE BARN POLES

Plenta Treated

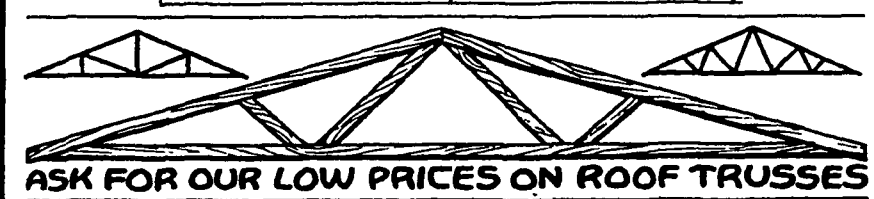
	10'	12'	14'	16'	20'
4"x4"	4.59	5.50	6.42	8.17	—
4"x6"	—	8.26	9.63	12.00	17.76
6"x6"	—	12.38	14.45	18.00	26.64

CENTER MATCH BOARDS 2"x6"x12' MBM

Penta..... 342.00

FARM GATE and FENCE BOARDS

	PENTA
1⅛"x6" R.L.	23½ Lin. Ft.



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5.55	16.66

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4'x8' PLYWOOD

	¼"	⅜"	½"	⅝"	¾"
AD INTERIOR FIR	6.89	NS	11.75	NS	15.75
AC EXTERIOR FIR	7.09	10.05	12.15	14.19	16.15
CD EXTERIOR	6.49	6.75	7.95	10.75	12.85

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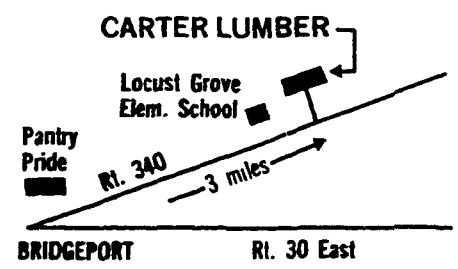

Livestock market and auction news

Pa. Auction Summary

June 3, 1977

CATTLE 7217. Compared with 9360 head last week, and 8215 head a year ago. Compared with last week's market, slaughter steers steady to 75 cents lower. Slaughter heifers 25 cents to $1 lower. Slaughter cows steady to $1 higher. Slaughter bulls and bullocks steady to $1 lower. Feeder Cattle steady to $3 lower. STEERS: High Choice and Prime 40.00-41.60, Choice 39.00-42.10, Good 35.00-39.50, Standard 31.00-35.35, few Utility 29.25-32.85. HEIFERS: Choice 35.00-39.75, Good 32.00-35.85, few Standard 28.60-32.80, few Utility 25.00-29.60. COWS: Utility and High Dressing Cutter 26.75-31.25, Cutters 25.00-28.50, Canners 22.50-27.10, Shells down to 18.00. BULLOCKS: Few Choice 35.25-38.85, Good 32.25-36.50, Standard 31.00-33.80, few Utility 28.25-32.00. BULLS: Yield Grade No. 1, 1000-2075 lbs. 33.00-37.50, Yield Grade No. 2, 900-1500 lbs. 31.00-35.00.

FEEDER CATTLE: Good and Choice 300-800 lbs. steers 33.00-40.00. Good and Choice 300-600 lbs. heifers 27.00-35.00. Medium and Good 350-880 lbs. bulls 27.50-35.00.

CALVES 3020. Compared with 4288 head last week, and 4070 head a year ago. Vealers steady to $2 lower. VEALERS: Few Prime 65.00-74.00, Choice 48.50-65.00, Good 40.00-56.00, Standard and Good 110-130 lbs. 36.00-48.00, 90-110 lbs. 30.00-42.50, Standard 70-90 lbs. 26.00-38.00, Utility 50-100 lbs. 18.00-32.00. Farm Calves: Holstein bulls 90-120 lbs. 33.00-50.00.

HOGS: 4794. Compared with 8205 head last week, and 7284 head a year ago. Barrows and gilts strong to 75 cents higher. Barrows & Gilts: US No. 1-2 200-235 lbs. 43.75-46.50. No. 1-3 195-240 lbs. 42.60-45.00, No. 2-3 195-250 lbs. 40.30-44.10, No. 2-4 250-320 lbs. 33.25-39.25, No. 1-3 120-170 lbs. 30.00-39.00. Sows: US No. 1-3 300-575 lbs. 28.50-36.00, No. 2-3 350-650 lbs. 25.00-31.25. Boars 20.00-30.00.

FEEDER PIGS 1347. Compared with 2046 head last week, and 2310 head a year ago. Feeder pigs were steady to $4 lower. US No. 1-3 25-35 lbs. 15.00-30.00 per head, No. 1-3 35-50 lbs. 24.50-41.00, No. 1-3 50-80 lbs. 34.50-42.00 per head, few Utility 25-40 lbs. 14.00-19.00 per head.

GRADED FEEDER PIG SALES 3086 HEAD. Compared with 1876 head a week ago. Feeder pigs were $9 to $15 lower, and all prices per hundred weight. US No. 1-2 30-55 lbs. 75.00-101, few to 107; 55-75 lbs. 62.00-82; No. 2-3 30-50 lbs. 68.00-93; 50-75 lbs. 60.00-78; Utility 25-55 lbs. 40.00-70.00.

SHEEP 561. Compared with 1115 head last week, and 717 head a year ago. Spring slaughter lambs $5 to $8 lower. LAMBS: Choice 50-100 lbs. 48.00-56.50, Good 50-90 lbs. 38.00-50.00. Slaughter ewes 9.50-23.00.

Middleburg Cattle

Middleburg, Pa.
June 7, 1977

CATTLE 364. Compared with last Tuesday's market; Choice 975-1250 lbs. slaughter steers 39.00-42.60, Good 900-1350 lbs. 36.00-40.75, Standard 34.00-36.00, Utility 31.50-34.00. Choice slaughter heifers 38.00-42.00, Good 36.00-38.00, Standard 32.50-36.00, Utility 28.00-32.20. Utility & High Dressing Cutter slaughter cows 26.50-31.85, Cutters 27.00-30.75 Canners 24.50-27.00. Shells down to 21.35, Choice slaughter bullocks 32.85-38.85, Good 34.00-40.50. Yield Grade No. 1200-1875 lbs. slaughter bulls 34.00-38.60; yield grade No. 2 800-1200 lbs. 31.00-34.00. Good 400-600 lbs. feeder steers 35.00-42.50.

CALVES 241. Prime vealers 60.00-63.50, Choice 48.00-58.00, Good 40.00-48.00, Standard & Good 110-130 lbs. 38.00-40.00, 90-110 lbs. 35.00-40.00. Standard 75-85 lbs. 32.00-35.50. Farm calves, holstein bulls 95-115 lbs. 38.00-46.00.

HOGS 684. (June 6, 1977) US No. 1-2 190-230 lbs. barrows & gilts 45.00-46.20, No. 1-3 190-250 lbs. 43.70-45.00, No. 2-3 260-300 lbs. 39.00-43.00. US No. 1-3 300-600 lbs. sows 31.00-35.75. Boars 200-600 lbs 24.00-30.75.

FEEDER PIGS 340. US No. 1-3 10-20 lbs. feeder pigs 15.00-23.00 per head, No. 1-3 20-40 lbs. 23.00-38.00, No. 1-3 40-60 lbs. 38.00-42.00 per head.

SHEEP 17. Good 40-70 lbs. spring slaughter lambs 35.00-50.00. Slaughter ewes 12.00-16.00.

Des Moines

June 8, 1977

Compared to Tuesday's close: Fresh Pork cut trade moderate, demand moderate. Fresh loins steady instances 1.00 higher, except 20-up lbs. 1.00 lower, Boston butts 75 Higher, Spareribs steady, skinned Hams 17-20 lbs. steady - 50 higher, 20-up lbs. steady to 1.00 lower, bellies 50-1.50 higher, except 20-25 lbs. 2.50 lower, Picnics not established.

Fresh Pork Cuts

LOINS: 14-DN lbs. 86.00-90.25 steady 14-17 lbs. 85.00-85.75 steady to 1.00 higher; 17-20 lbs. 78.00; 20&up lbs. 72.75 2.00 lower.

PICNIC: No sales reported

BOSTON BUTT: 4-8 lbs. 73.00 75 higher; 8&up lbs. 68.50 75 higher.

SPARERIBS: 3-5 lbs. 90.50 steady.

SKINNED HAMS: 14-17 lbs. 72.00-74.00; 17-20 lbs. 74.00-74.50 steady - 50 higher; 20-26 lbs. 71.00-71.50 50-1.00 lower; 26-30 lbs. 66.00 50 lower; 26&up lbs. 65.00 steady - 50 lower.

BELLIES, SDLS: 10-12 lbs. 55.00 50-1.00 higher; 16-18 lbs. 57.50-58.00 50-1.00 higher; 18-20 lbs. 55.00-55.50 1.-1.50 higher; 20-25 lbs. 45.00 2.50 lower.

BNLS CY BUTT: 1 ½-4 ½ lbs. 99.50; 3-6 lbs. 103.00 individually wrapped.

PORK TRIM: 50 lean 30.25 fresh & frozen; 80 lean 68.25 frozen.

PORK FEET: 15.50.

JOWLS: 33.50.

KIDNEY: 10.00.

TONGUES, GREEN BNLS: 40.00.

CHITTERLINGS PREFERRED: 33.00.

Compared to Tuesday's close: Beef trade closed slow. Demand light. Choice Steer Beef steady to 75 higher. Choice 3 Heifer Beef 50-1.00 higher. Primal Beef cuts, Arm Chucks steady to 50 higher. No reported Cow Beef sales. Sales on 33 loads steer & heifer beef confirmed.

Steer Beef
23 Confirmed Loads

CHOICE: 3 600-800 lbs. 62.25-62.50 50-75 higher; choice 3 800-900 lbs. 62.00; choice 4 600-900 lbs. 58.50-59.00 unevenly steady; good 2-3 500-800 lbs. 59.25-59.50.

Heifer Beef
10 Confirmed Loads

CHOICE: 3 500-700 lbs. 61.25-61.75, 50-1.00 higher; good 2-3 500-700 lbs. 58.25 couple loads.

Cow Beef
No Confirmed Loads

HINDS: (steer) 145-190 lbs. 78.25.

FORES: 130-210 lbs 48.25

ARM CHUCKS: 75-120 lbs. 43.00-43.50 steady - 50 higher

Beef Trimmings
12 Confirmed Loads

BEEF TRIMMINGS 50 Chem Lean fresh 28.00.

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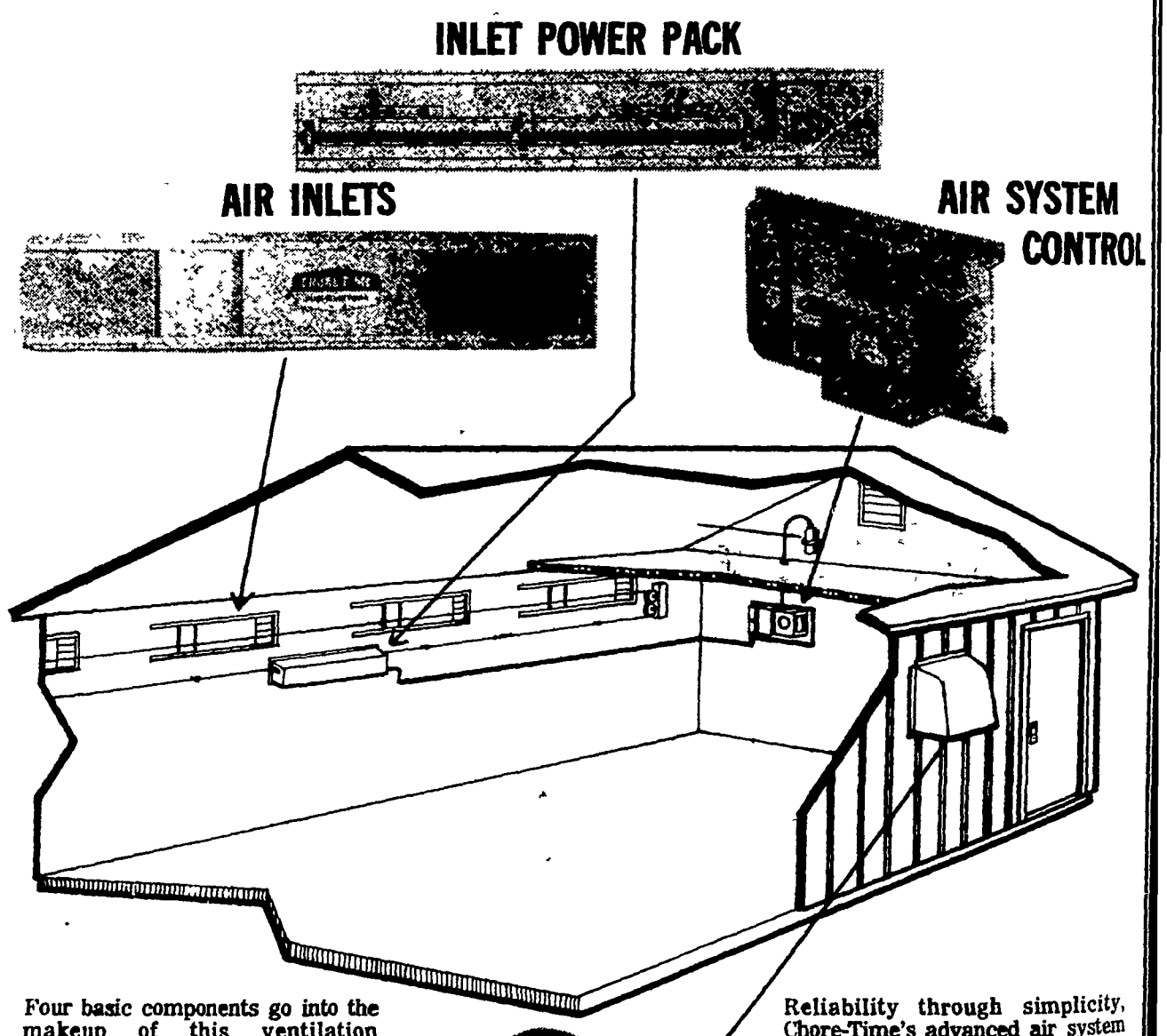

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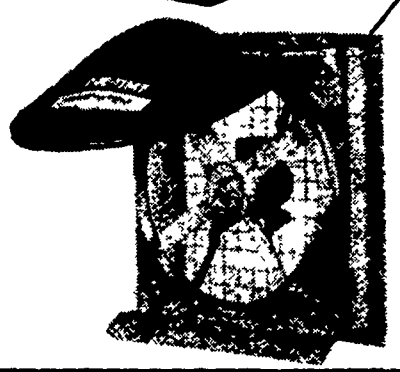

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Livestock market

Omaha

June 9, 1977

Compared with the previous week's close: Slaughter Steers and Heifers 0-75 lower. Cows steady to 0 lower, bulls firm, instances 50 higher.

Four day receipts 20,900 as compared 16,400 previous week and 16,200 a year ago. The fed cattle trade was forced downward on Monday and Tuesday under the combined influence of Liberal Marketings and lowered carcass realizations. Demand was generally good during the period; however, and part of the early downturn was regained on a modest mid-week run. Pressure to move market-ready cattle was further increased by 100 degree weekend temperatures accompanied by high humidity the overall finish of the steer supply was attractive with a liberal percentage choice although many were mixed 3-4 yield grade.

SLAUGHTER STEERS: Made up approximately 52 of the week's total and Heifers 29. Cows comprised 11 and Feeders for Friday Auction 5.

STEERS: Load Choice and Prime 3 1113 lbs. 41.00 on Monday. At Mid-week, four loads Choice and Prime predominantly 3 1088-1200 lbs. 40.50. Choice 2-4 975-1275 lbs. closed 39.25-40.25, load 4 1350 lbs. 39.00; During week, moderate volume mostly 4 1302-1400 lbs. 38.50-39.75. Mixed Good and Choice 2-4 950-1250 lbs. Closed 38.50-39.50. Good 2-3 35.00-39.00. Standard and Good 2-3 33.50-35.00.

Average of LS-214, Detailed quotations, for Choice 2-4 900-1100 lb. Steers

Leesport Auction

Leesport, Pa.
June 8, 1977

CATTLE 430. Supply included 116 head feeder cattle. Compared with last Wednesday's market, slaughter steers steady, mostly 25 cents to $1.25 lower. Slaughter cows steady to 50 cents lower. Choice No. 2-4 1000-1300 lbs. slaughter steers 38.60-40.25, one at 40.50, Good 35.00-39.00, Standard 32.85-34.85, few Utility 30.00-32.50. Choice slaughter heifers 36.10-37.75, Good 33.00-34.00, Standard 31.75-33.00. Utility & High Dressing Cutter slaughter cows 27.50-29.50, couple to 29.85, Cutters 26.00-28.00, Canners 22.50-25.60, Shells down to 21.00. Choice slaughter bullocks 36.75-38.50, Good 35.00-37.25. Yield Grade No. 1 1100-1800 lbs. slaughter bulls 34.85-37.75. Mixed Good & Choice 450-800 lbs. feeder steers 36.00-42.50; Choice 500-600 lbs. feeder bulls 34.00-38.00.

CALVES 184. Vealers grading Standard & Good 70-110 lbs. $2 to $6 higher. Few Prime vealers 60.00-65.00, Choice 49.00-56.00, Good 41.00-49.00, Standard & Good 110-130 lbs. 40.00-45.00, 90-110 lbs. 37.00-40.00, Standard 70-85 lbs. 30.00-36.00. Farm calves, holstein bulls 900-120 lbs. 39.00-45.00.

HOGS 364. Barrows & Gilts steady to 75 cents higher. US No. 1-2 190-230 lbs. barrows & gilts 45.50-46.00, one lot 46.75, No. 1-3 190-235 lbs. 44.00-45.25, No. 2-3 250-280 lbs. 41.00-43.00. US No. 1-3 300-550 lbs. sows 31.00-34.00, few to 35.00. Boars 25.00-33.00.

FEEDER PIGS 187. US No. 1-3 20-40 lbs. feeder pigs 24.00-33.00 per head, No. 1-3 50-60 lbs. 39.00-41.50 per head, few lots No. 1-3 130-170 lbs. 37.50-39.00 cwt.

SHEEP 37. Slaughter ewes 10.00-27.00, few to 30.00.

---

this week 39.00. Choice 2-4 1100-1300 lbs. 39.78. Average weight steers first three days 1144 lbs. as compared 1150 lbs. previous week. Average weight Heifers first three days 971 lbs. as compared 982 lbs. previous week.

HEIFERS: Several loads and part loads Choice and Prime 3-4 931-1050 lbs. 40.00-40.25 early. Choice 2-4 875-1050 lbs. closed 38.50-39.75. Mixed Good and Choice 2-3 850-1000 lbs. 37.50-38.50. Good 2-3 35.00-39.00. Small lots Standard and Good 2-3 31.00-32.50.

COWS: Utility and Commercial 2-4 26.00-28.00, few 28.25-28.50. Canner and Cutter 23.00-26.50.

BULLS: 1-2 1400-2000 lbs. 33.00-36.50, Individual 1 37.00-38.00.

FEEDERS: Including around 1500 at Thursday Auction. Feeder Steers steady to 1.00 lower, feeder Heifers steady to 2.00 lower. Demand moderate. Overall quality somewhat plainer than recent weeks with an increased showing of good quality kinds.

FEEDER STEERS: Choice 400-600 lbs. 38.00-40.00, 600-700 lbs. 37.00-39.75; 700-850 lbs. 37.00-38.50. Mixed Good and Choice 350-600 lbs. 34.50-37.25; 600-700 lbs. 35.50-37.75. Good 350-600 lbs. 31.00-35.00.

FEEDER HEIFERS: Choice 400-650 lbs. 32.00-34.75. Mixed Good and Choice 300-600 lbs. 31.00-33.00; Good 300-500 lbs. 27.00-31.00.

xxx

A PennDOT roadside rest at Wyalusing Rocks, on U.S. Route 6 near Waylusing, provides tourists with a striking view of the Susquehanna River Valley below. This was a lookout on the Warriors Path long ago.

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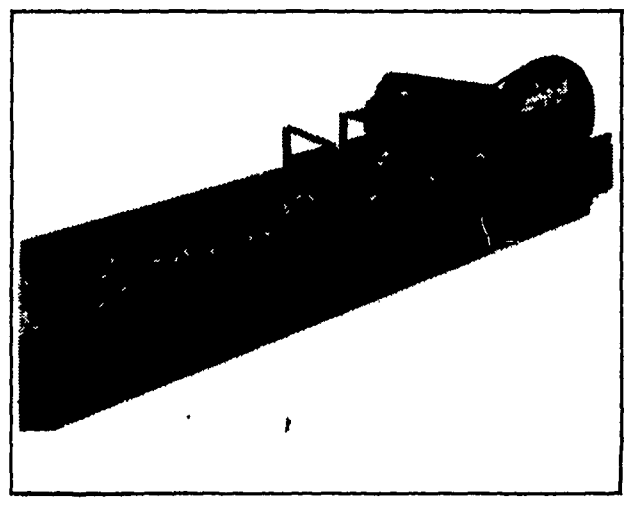

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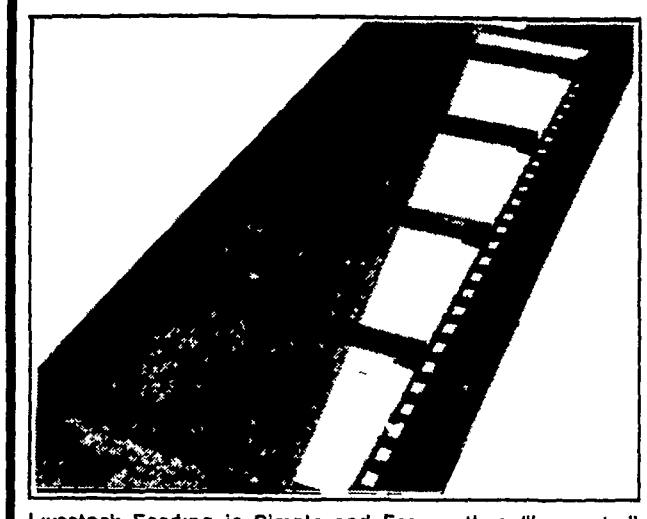

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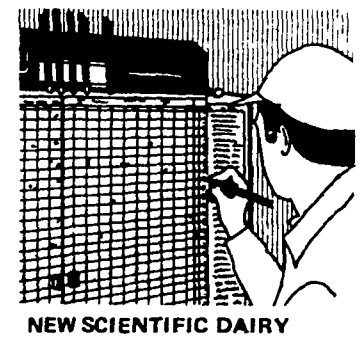

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Livestock market

Peoria Auction

June 9, 1977

CATTLE: Receipts this week 5600: Last week 4900: Last year 6300.

Compared with last weeks close, slaughter steers 50-1.00 lower. Slaughter Heifers 50 lower. Cows firm to 50 higher JM Bulls steady. Receipts about 70 pct. slaughter steers, 25 pct slaughter Heifers and the balance mainly cows.

SLAUGHTER STEERS: Choice and Prime 3-4, 1150-1310 lbs. 38.50-40.00; Late 38.50-39.50; 1300-1400 lbs. 3-5, 38.00-38.75. Choice 2-4 950-1275 lbs. 39.00-40.50; Late 39.00-39.50; Load 40.00. Mixed Good and Choice 2-4, 900-1300 lbs. 37.50-39.00. Good 2-3, 36.50-37.50; Load mostly Choice 2-3, Holsteins Monday, 37.50. Standard and Good 2-3, 34.00-36.00.

SLAUGHTER HEIFERS: Choice and Prime 3-4 900-1075 lbs. 38.50-39.25; Loads: Late 38.50-39.00. Choice 2-4, 850-1075 lbs. 37.50-38.50; Mostly 38.00-38.00 Mixed Good and Choice 2-4, 800-1100 lbs. 36.00-37.50, Few 750-850 lbs. 35.00-36.50. Good 2-3 34.00-36.00.

COWS: Utility and Commercial 2-3 26.50-28.00. High dressing utility 28.00-29.00. Cutter 1-2, 23.50-26.50. Canner 20.00-23.50.

BULLS: YG 1-2, 1100-1800 lbs. 31.00-35.00; couple 35.50-36.00.

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According to the U.S. Consumer Product Safety Commission, most fire victims actually die from smoke inhalation before the heat of flames reach them. Since smoke spreads faster than heat, smoke detectors can help reduce deaths and property loss because fires can be detected and extinguished early in their development.

Two types of smoke detectors are on the market today. One, the ion chamber detector, uses a radioactive source to produce electrically charged molecules (ions) in the air. This sets up an electric current within the detector chamber. In general, this senses flaming fires (such as an armchair ignited by a cigarette).

The second device, the photoelectric detector, uses a photoelectric bulb similar to the electric eye in many automatic doors. The bulb emits a photoelectric beam of light that sets up an electric current in the detector. When the light is obscured by smoke, the flow of electric current is reduced and this sets off the alarm.

In general, the photelectric detector senses smoldering fires quicker than flaming fires.

For additional information about smoke detectors, write to the U.S. Consumer Safety Commission, Washington, D.C. 20207. Ask for fact sheet no. 57, "Smoke Detectors."

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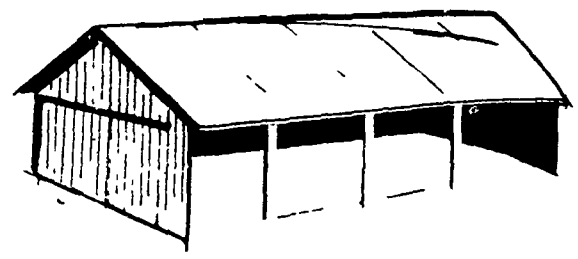

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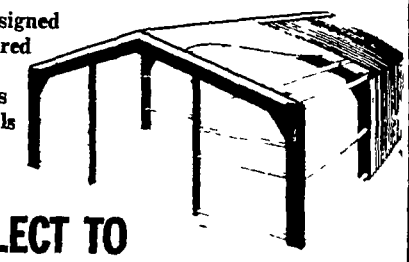

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hesville, Pa. The
ghts have been in the
kwheat business in and around Hughesville, which is in the central part of the state, since 1909. Fought said the farmers who grow buckwheat for him usually do so as a second crop or after the first crop has failed.

"Buckwheat matures in only 70 to 90 days," Fought said. "A good yield is 30 bushels to the acre, which is much less than other cereal grain crops. But a crop of buckwheat can produce income in fields that might otherwise produce nothing in a particular year."

Last year's buckwheat crop sold for around $6 a hundredweight (a bushel of buckweight weighs about 48 pounds). This year's crop should sell for at least that and could go higher, Fought said. "And when the Japanese go into the market, they'll pay just about anything for good buckwheat. They've paid up to $14 a hundredweight."

While gross income from an acre of buckwheat may be lower than it would be from other grains, it can still be a worthwhile crop for many farmers.

"Buckwheat seed is inexpensive, it doesn't get planted until July and it doesn't take any fertilizer," Fought pointed out. "In fact, it hates good ground. So with very little outlay, a farmer might get a crop in a field that otherwise would be good for nothing but weeds.

Fought said that he and other members of the Buckwheat Institute are trying to develop more interest in the crop. This Fall they plan to schedule their annual meeting to coincide with the 1977 PennAg Industries Association conference in Lancaster, Pa. PennAg is a trade organization of some 400 Pennsylvania agri-business firms. Most of the Buckwheat Institute members also belong to PennAg.

Not only will buckwheat produce more income than a field of weeds, it can also be used to eradicate weeds. It grows so quickly and so vigorously that it soon chokes out even persistent weeds like Canada thistle.

Actually, buckwheat is a kind of weed, itself, rather than a true cereal grain. It is a first cousin to such pests as dock, sorrel, knotweed, bindweed, and smartweed.

Buckwheat is good eating. Mixed with wheat flour it adds a robust flavor to bread. Buckwheat pancakes have long been a breakfast staple. Groats are the roasted inner part of the grain, after the hull has been removed. They can be used much like rice or to make a porridge. Butchers who make scrapple use buckwheat flour by the 100-pound bag. It finds its way into sausage, too.

Nutritionally, buckwheat outshines the common cereal grains. Protein content ranges from 11 to 15 per cent, much better than corn. And in protein actually absorbed by the body, it outshines rye, whole wheat, and even soybean flour.

When buckwheat was commonly grown, particularly in the Northeast, the crop was one of the beekeeper's principle sources of nectar. Now it's such an uncommon commodity that the strong flavored buckwheat honey is more expensive than just about any other type.

Fought said the demand for buckwheat and buckwheat products has been increasing in recent years, both from the Japanese and from shoppers here at home. "I think people are going to want to buy more and more buckwheat in the coming years. I just hope we can get enough farmers to grow it."

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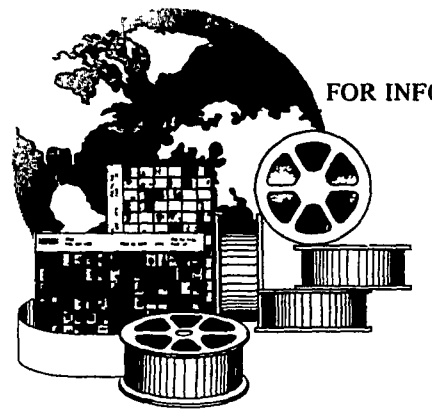

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Lampeter Fair receives $6500

LAMPETER, Pa. – Senator Richard Snyder will present a check for $6500 to the West Lampeter Fair this Saturday evening. The money will go toward the cost of raising a pole barn, constructed for last year's fair. Snyder will attend the 23rd annual chicken barbecue at the fairgrounds, and is scheduled to arrive at 5 p.m.

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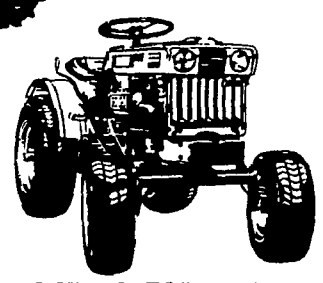

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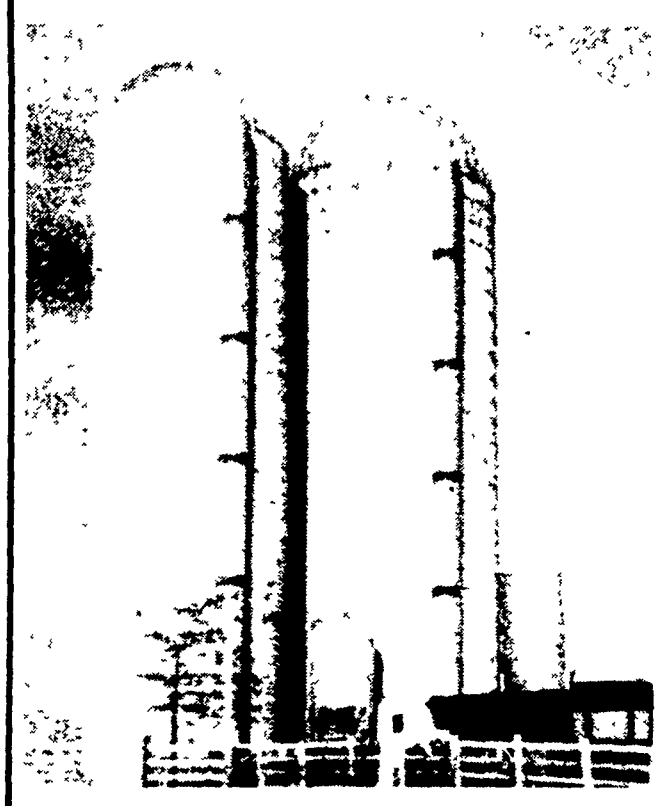

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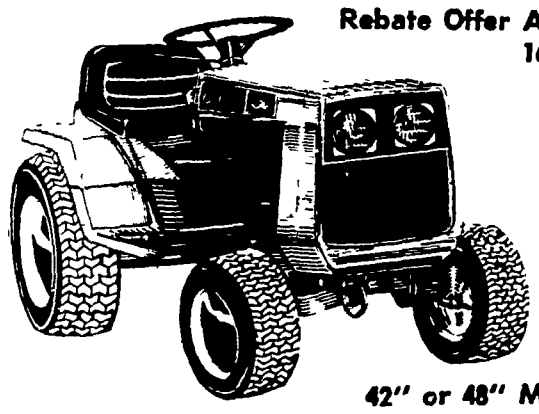

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MEDICINE AND MANAGEMENT

By CARL TROOP, VMD

Feeding terms defined

Before we can begin talking about feeding dairy cattle (or any animal) we must be able to understand the special terminology necessary for communication of ideas in that particular field. We must be sure the terms have the same meaning for author and reader to insure understanding and avoid confusion and misinterpretation. In this column we will only attempt to define some of the terms and phrases necessary for a basic understanding of what we will be discussing in the future.

Protein - is the nitrogen containing component of animal and vegetable tissues. They are very complex, being a combination of the various amino acids. They vary greatly in their palatibility and digestibility. Approximately 16 per cent of the protein is nitrogen. It is essential for the structure, growth, and normal functioning of the body.

Carbohydrates - include starches and sugars (glucose and sucrose) and lignin (wood parts of stems, etc.) (low feeding value) - provides some source of energy - no known requirement.

Fiber - Cellulose and those carbohydrates which are resistant to dissolving by weak acids (97 per cent cellulose and lignin, pretty sure to resist digestion). It has very low nutrient value but is essential in the diet to a considerable degree. Feeds vary greatly in fiber content (example corn 2 per cent oats 11 per cents).

Fat - supplies essential fatty acids and source of fat soluble vitamins found in animal tissues and many plants - very high in energy (2.25 times energy value of proteins and carbohydrates). Essential to a considerable degree in rations where high energy required, can be from plant or animal source and vary greatly in digestibility (hay fat can be up to 60 per cent non-digestible, grain fat up to 15 per cent non-digestible).

Nutrient - any food constituent that aids in the support of life - proteins, carbohydrates, fats, minerals, vitamins, and most importantly but most often forgotten, water.

Digestible nutrient - that portion of a nutrient which may be digested and taken into the body - generally applied only to protein, carbohydrates, and fats. - Total gross intake minus that lost in the feces.

Total digestible nutrients (TDN) - The sum of all the digestible organic nutrients - protein - fiber - carbohydrates, and fat (fat is figured at 2.25 X its weight because its energy value is that much greater than proteins or carbohydrates). This is the approximate energy value.

Concentrates - Feeds high in TDN and low in fiber (may be low or high in protein) Ex. (cereal grains, oil meats, meat scraps, bran).

Roughages - Feeds high in fiber and low in TDN Ex. Hay, silage, pasture, haylage.

Ration - The feed allowed for a given animal during a 24 hour period.

Balanced ration - one which furnishes the nutrients in such proportion and amount as will properly nourish a given animal for 24 hours (Notice the difference between ration and balanced ration, this is the difference between profit and loss, success and failure; this is the great objective in feeding animals.)

Metabolizable energy - gross energy minus energy lost in the feces, urine, and gases.

Net energy - metabolizable energy minus energy lost in the work of digestion. This is what the animal has left to work with.

Crude protein - total protein in the feed.

Digestible protein - that per cent of the gross intake which is not excreted in the feces. It is usually quoted separately in feed tables because protein has special functions which cannot be performed by other nutrients Again digestibility can vary greatly from one feed to another.

Cereal grains are generally high in starch, low in fiber, phosphorus, and calcium and usually highly palatable to all classes of livestock. Proteins are not of good quality as they usually have small amounts or lack certain essential amino acids. Legume hay (clover, alfalfa, etc.) will usually balance any reasonable grain diet.

There are over 400 recognized concentrates with new ones being added constantly as by-products of all industries. One cannot learn them all, - it is hopeless to try - the best thing to do is try to familiarize oneself with basic feeding practices and make use of tables of information when necessary.

There is a very good and helpful publication entitled Nutrient Requirements of Dairy Cattle, available for $3 00 from: Printing and Publishing Office National Academy of Sciences 2101 Constitution Avenue Washington, D.C 20418.

I would strongly recommend having a copy for ready reference.

Auto Service Tips

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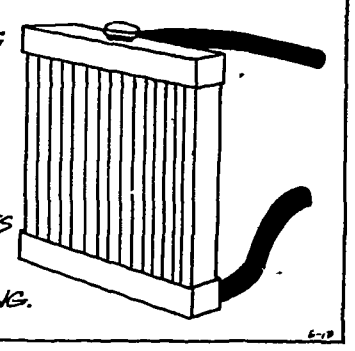

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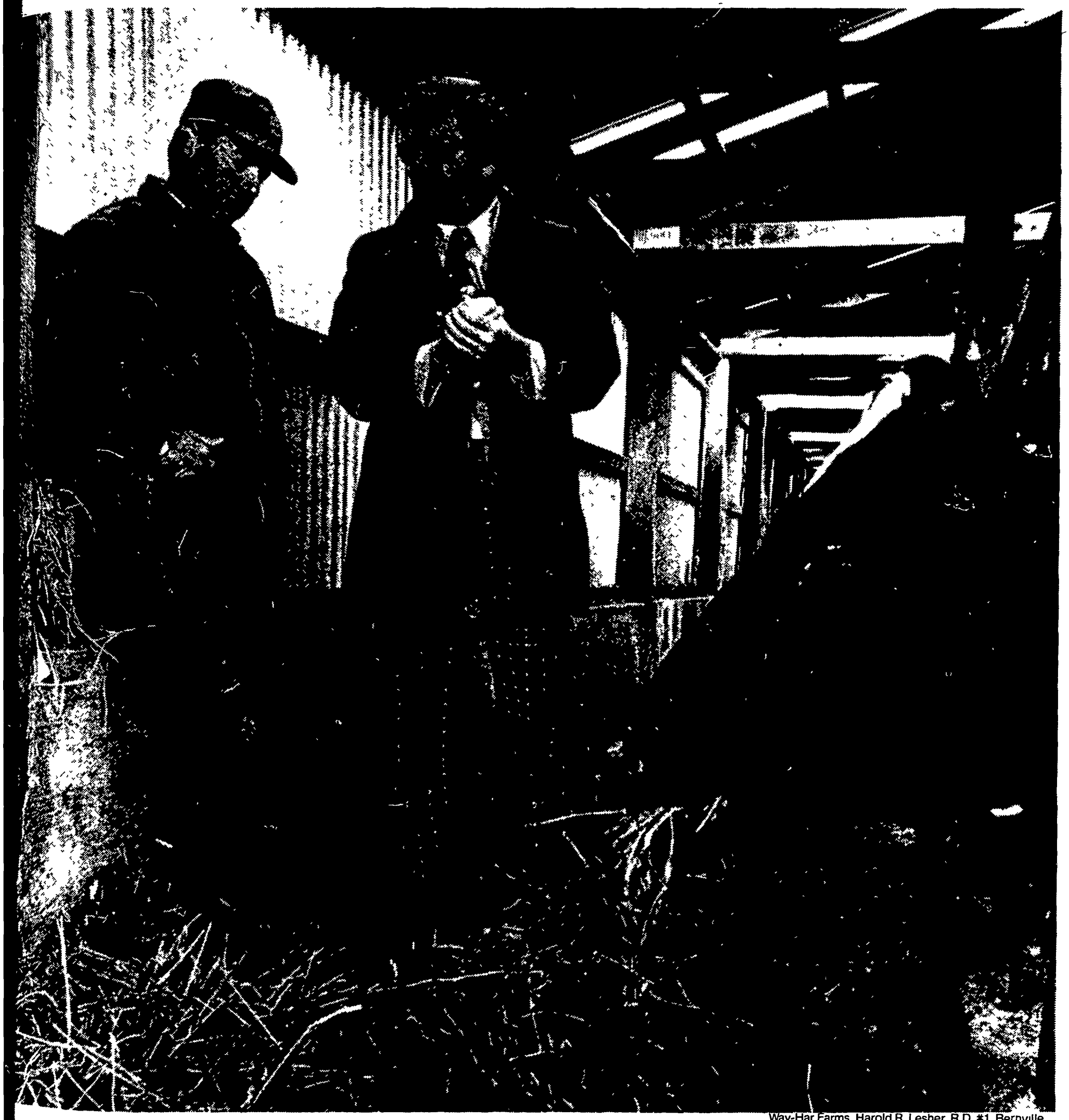

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Volunteer corn a problem this year

By DIETER KRIEG

SPRING CITY, Pa. - Volunteer corn is a real problem this year, according to Chester County Extension Agent Glenn Shirk who headed a corn twilight meeting near here on Wednesday evening. It's due to some of the severe winds and rains which came through southeastern Pennsylvania last Fall. Fields of corn were wrecked, with oftentimes just a few stalks left standing. It was too much of a problem for even the best of today's modern corn pickers to tackle.

Those farmers who waited a bit to plant their corn this year appear to have less of a volunteer corn problem than those who didn't. About the best way to overcome the dilemma is to let it come up, and then work the field just prior to planting. Those who had their fields planted before volunteer corn germinated are now faced with either living with it or doing some sort of cultivating. If the latter route is chosen, Shirk recommends shallow cultivation. He also warns of possibly damaging the root system of corn in the row.

The twilight corn meeting was held at an experimental plot maintained by the Chester County Extension Service and the O.J. Roberts Chapter of Young Farmers. Aside from volunteer corn, the meeting also focused on weed and emergence problems. An estimated 40 farmers were present for the 90 minute meeting.

Penn State's Joe McGahen, crops scientist, spoke briefly on corn emergence, herbicides, weed control, and soil insecticides. The discussion on corn emergence problems was of particular interest since it was a situation with which most growers could identify this year. The combination of prolonged drought and some cool weeks in May caused corn to stay beneath the surface. Crusting of the soil eventually locked it into the soil, making it impossible for emergence to take place. A number of farmers had to replant their fields due to their germinated corn dying beneath the hard and dry crust, says Shirk.

The experimental plots near here will be observed throughout the season, with the final goal being a comparison of gross income of early season corn versus late season varieties. Shirk says the comparison will be made according to corn prices quoted at the time of harvest.

Farmers who are interested in seeing the plots, which cover six acres, may do so any time. The facility is open for public inspection throughout the growing season. Seventy-seven different hybrids are grown at the plot, says Shirk.

To get to the experimental field, travel about three miles east of Bucktown on Route 23, turn left at the Assembly of God Church, to Bridge Street Extension. Proceed one mile to Sunny Slope Dairy. The plots are at the crossroads, diagonally across from the dairy. Each variety of corn is identified by 12-inch wooden stakes.

Pond meeting slated

YORK--Keeping the algae and weeds out of ponds will be the topic for a Pond Weed Management meeting sponsored by the York County Agricultural Extension Service on Wednesday, June 15 at 7:30 p.m. The meeting will be at the Production Credit Building, 3301 West Market St., York.

Dr. Robert Wingard, wildlife resource specialist and Dr. Terry Rader, aquatic biology specialist from the Pennsylvania State University will be in York County to present the program for the meeting.

xxx

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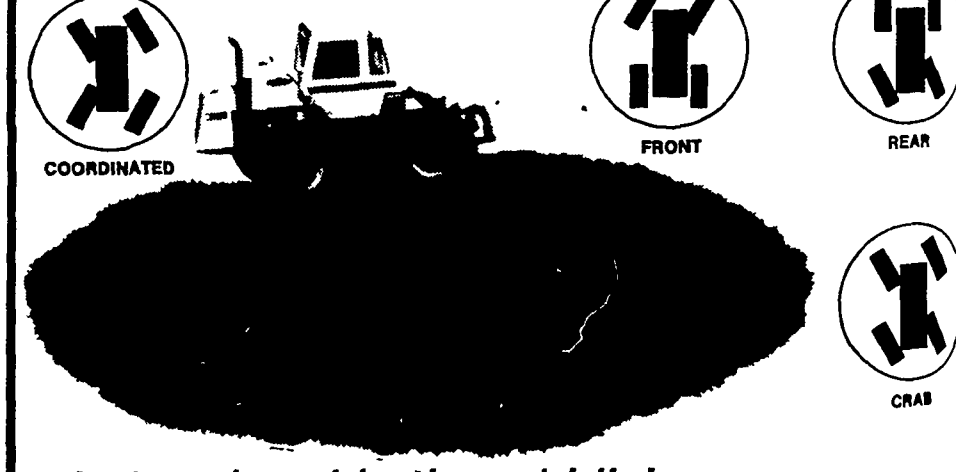

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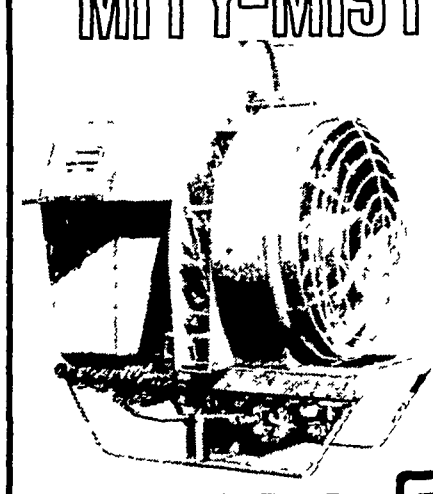

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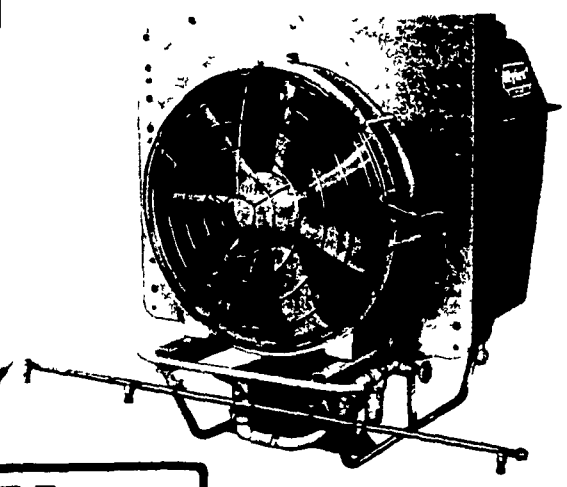

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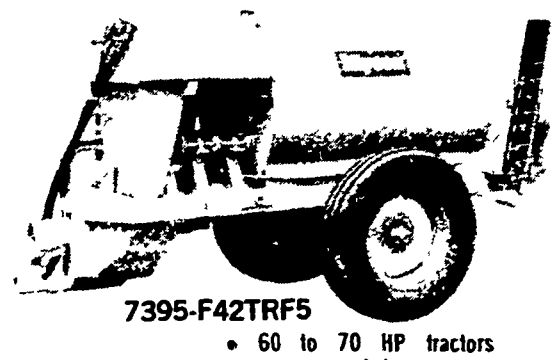

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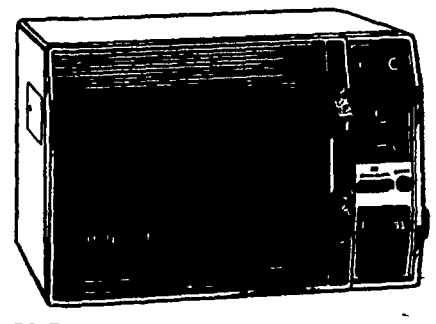

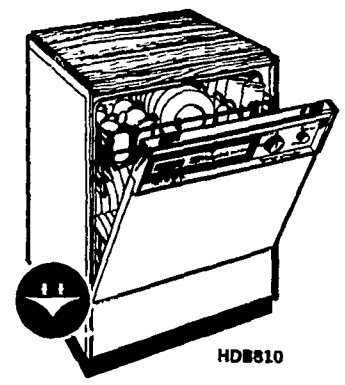

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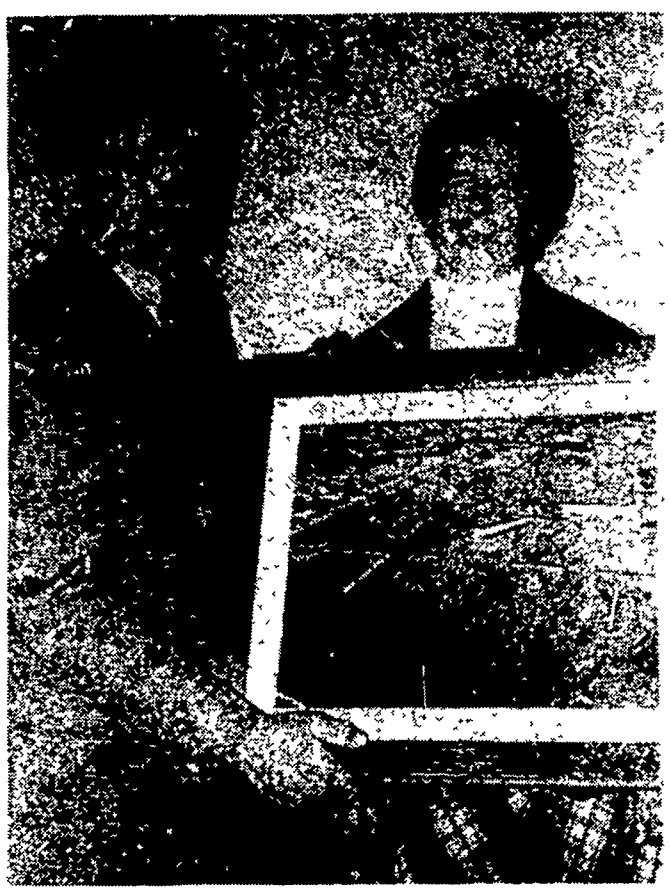

Mr. and Mrs. Harold Rohrer received this Grant Heilman aerial photograph as a prize for being Lancaster County's Outstanding Cooperators within the Lancaster County Conservation District.

Each of the lighter areas in the above picture represents the shallow area of the tiled terraces on the Rohrer farm. They're lighter in color than the rest of the field because of water having saturate the soil.

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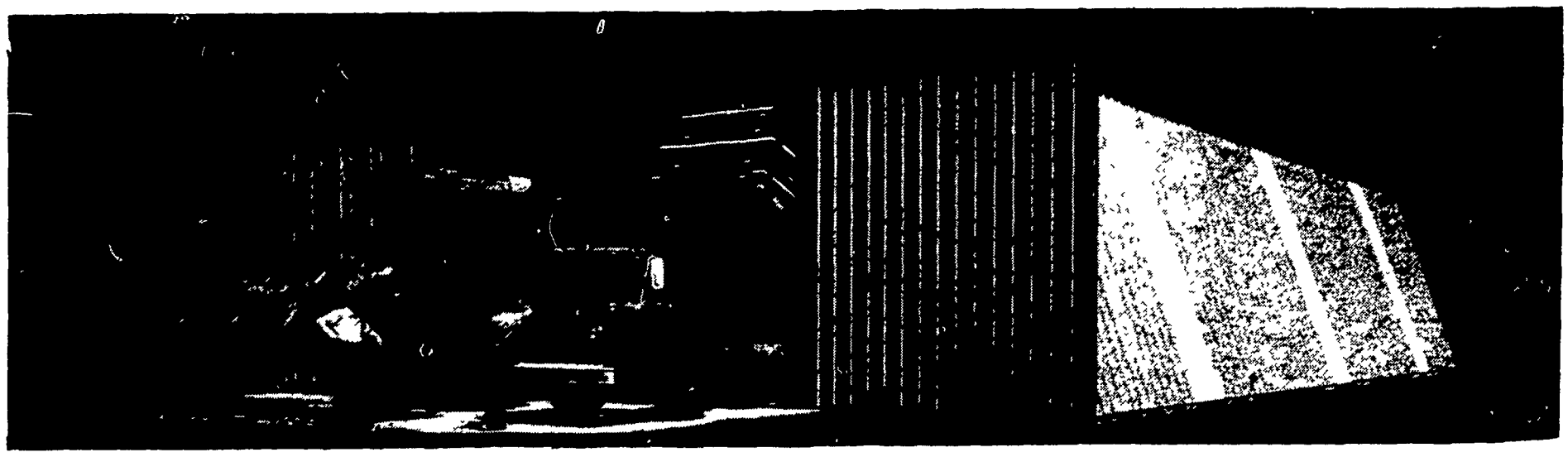

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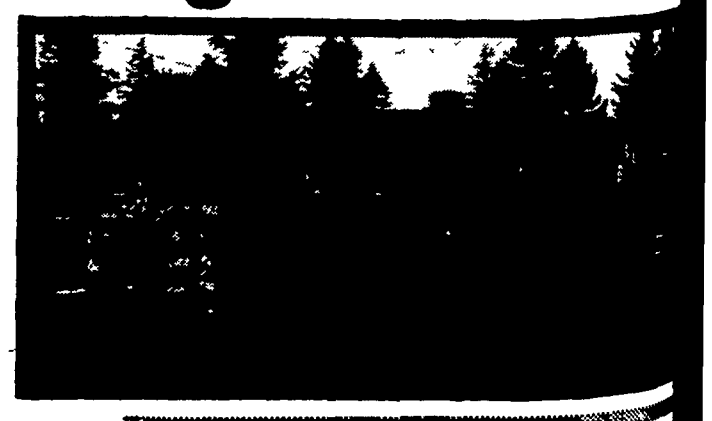

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hore intensified farming

es erosion while maximizing production

old Rohrer, owner-operator of 172 acres of rolling farmland near ancaster County, decided to put more of his land in corn and less in he couldn't do it without some kind of a conservation program. The much slope to it, which made erosion a serious problem to contend ective measures weren't taken. Checking around for ways to e hindrance, Rohrer had the Soil Conservation Service survey his than 8700 feet of regular cropland terraces and a 2600 foot sod ovided part of the answer to his problem. The kingpin of the attack r, is a relatively new concept of conservation - tiled terraces. Rohrer et of them on one of his two farms. According to conservation arry Zuschlag, this method of controlling water run-off has three antages over the more conventional cropland terrace and sod mbination: 1. There is no maintenance involved with these terraces th sod waterways, and there's no danger of losing established grass ater tearing it out or spray residues killing it; 2. There's no need to e farmer has no place for it in his farming program; and 3. Water the slope slower due to being confined within an underground pipe. the run-off is guided underground to an acceptable drainage point d culvert or a stream. Rohrer, who has farmed on his own for the s, sees additional advantages with the tiled terrace system, as more conventional methods of controlling erosion. There is no with his cropping program such as having to wait for the sod be established or lifting his plow each time he approaches it. This so finished more quickly. Rohrer's conservation practices earned cognition earlier this year as the Outstanding Conservation or 1977 in Lancaster County.

[Continued on Page 23]

The construction of the terrace, left, allows uninterrupted cropping. A cover crop is part of the management program. If nothing else, chopped corn stalks will do.

JUNE SPECIAL

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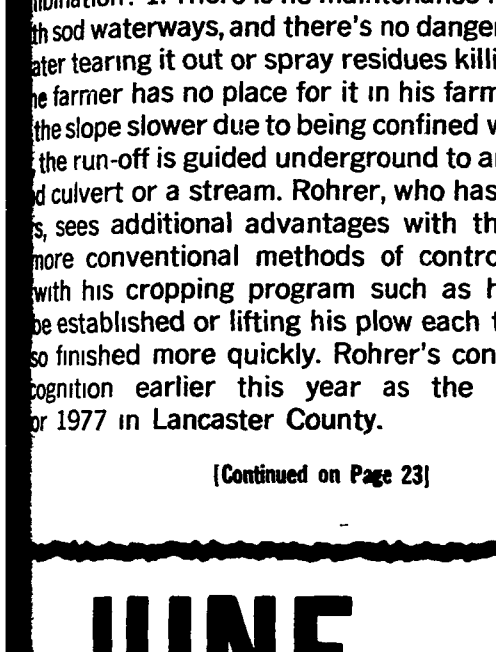

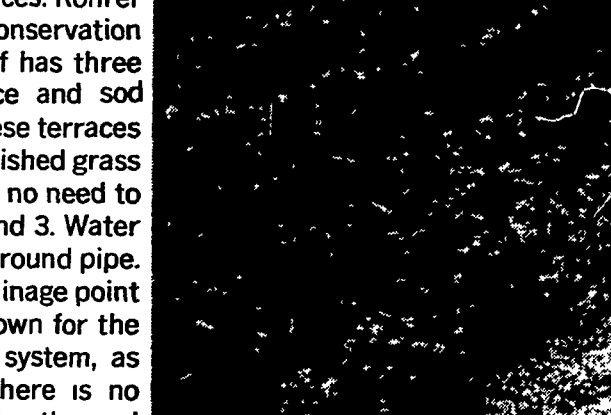

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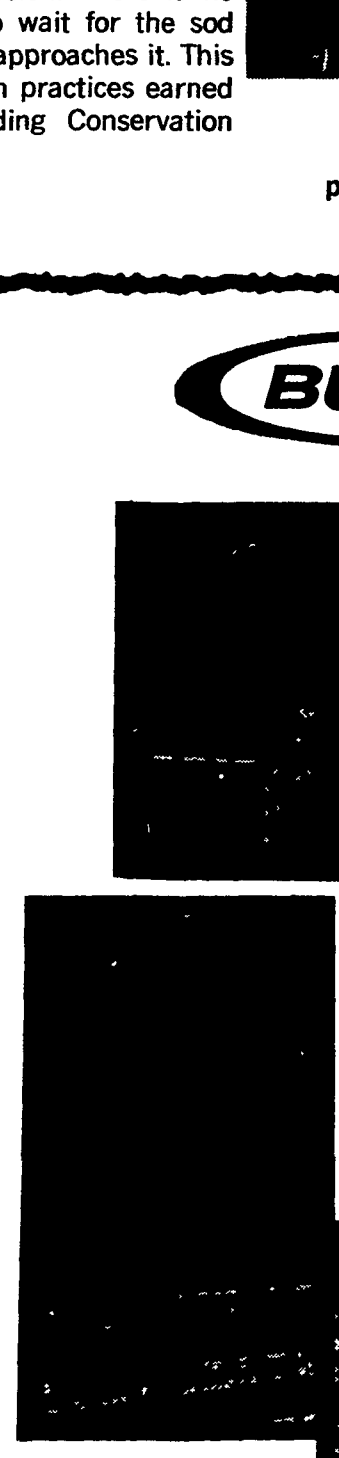

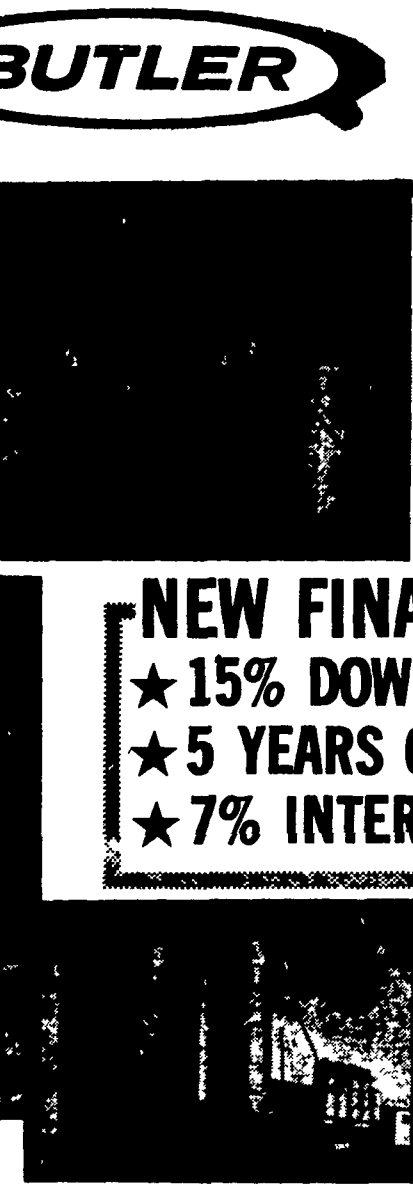

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1977 Penn Springnationals at Buck June 17-18

Next weekend the stadium will host the 1977 Penn Springnationals.

THE BUCK, Pa. – Many of the top tractors in the United States will be competing for $20,000 in prizes next weekend when the Penn Springnationals get underway here. A total of eight classes will be featured, with four running on Friday evening and four on Saturday. Starting times both days is 7 p.m.

The Buck Tractor Pulling Stadium, located 10 miles south of Lancaster on Route 272, has gained a reputation in the several years of its operation as representing the finest in tractor pulling in the East. Pulls are held each week from early May to early October. The facility is the only one ever built exclusively for tractor pulling.

When the national pullers arrive here on Friday, they will be coming from Frederick, Md. They'll be showing their power there on Wednesday and Thursday of this coming week. After that it's two appearances at The Buck. The national boys leave Lancaster County then and head towards Bedford where another series of pulling contests is scheduled for June 21 and 22.

According to Les Houck, secretary-treasurer of the National Tractor Pullers Association, many of the big names in tractor pulling will be represented at each of the above mentioned pulls. A capacity crowd is expected to be on hand when the action gets underway at The Buck next weekend. The Buck stadium has a seating capacity of about 4000 people and draws spectators from hundreds of miles away.

Among those listed to be present at The Buck are the Banter Brothers and Art Arfons. Banter Brothers are known for their modified machine which is powered by two blown Chevy engines. Arfons makes the news and winner's circle with his turbine-driven vehicle.

Some of the more powerful tractors at the pulls develop several thousand horsepower. A few of the innovations which were first engineered specifically for competition are now making their way into commercial applications, says Houck.

The Springnationals are the first of a series of big pulls scheduled for the Buck facility this year. Later on they'll be hosting the Pennsylvania State Championships and the Fallnationals.

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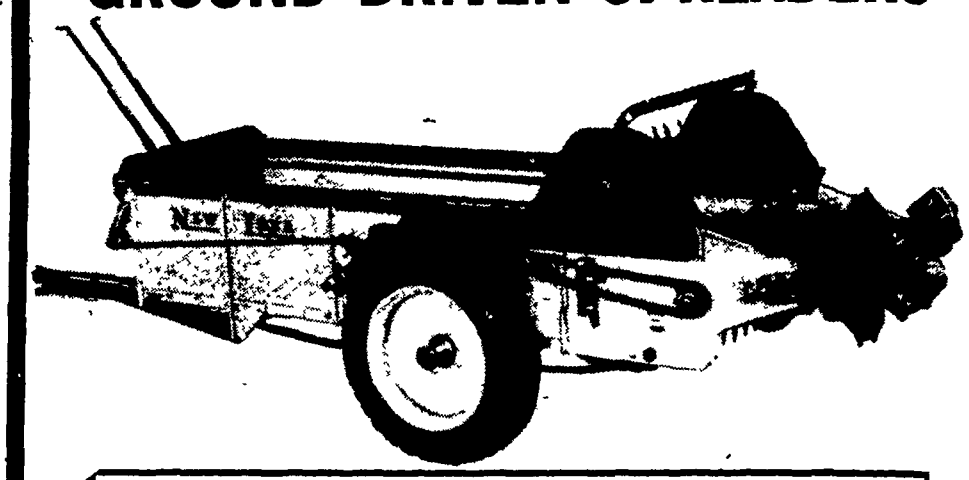

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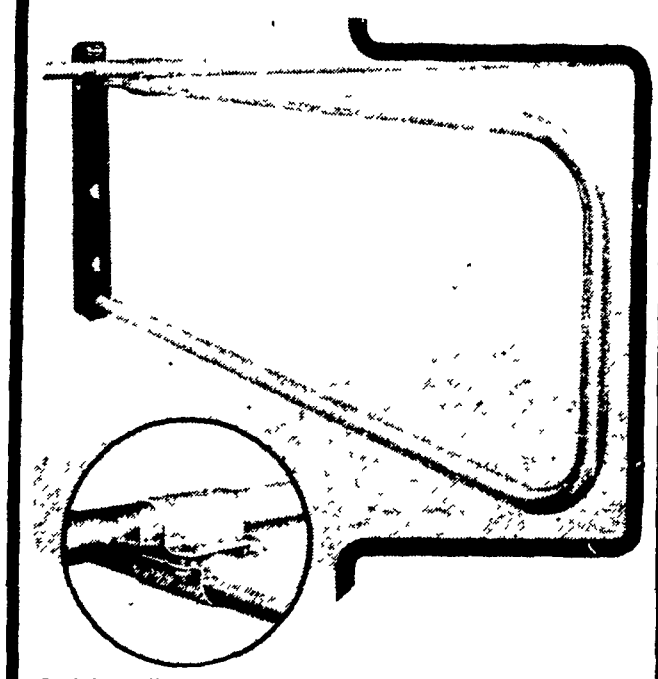

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This perforated pipe extends down into soil about two feet and connects to a pipe which drains the sloping fields on Rohrer's farm. The picture was taken on Monday, following a steady rain, and shows how wet the area gets after a good soaking shower. Water collects on the uphill side of the terrace, and is allowed to flow downhill gradually through an underground drainage system.

Tiled terraces

(Continued from Page 21)

By DIETER KRIEG

LAMPETER, Pa. – Like most farmers anywhere in the United States, Harold Rohrer was looking for rain two weeks ago. His fields needed moisture badly. Then, on June 1, his prayers were answered.

Following a torrential downpour which lasted about an hour, Rohrer measured 2¼ inches of rain in his rain gauge. "The terraces held the water," he announced happily, "and they were still draining water until the end of the next day." The principle of a tiled terrace, he explained, is to take water which would otherwise run off a slope, and allow it to flow away gradually. Unlike a sod waterway, which lets water flow almost uncontrollably, the tiled terrace takes only as much water at a time as the underground pipes can hold. The flow is steady, and never excessive unless the likes of Hurricane Agnes comes along.

Rohrer's terraces are designed to handle the kind of storm which comes along once every ten years, according to Lancaster County's conservation technician, Larry Zuschlag. "Tiled terraces are designed to store and remove water safely," he told Lancaster Farming in a telephone interview.

Tiled terraces are spaced about 125 feet apart, and are recommended to be used with soil management programs which incorporate cover crops. A "cover crop" might be the shredded residue of last year's corn stalk, Zuschlag suggests. The point is to manage the soil so that it can be planted in continuous corn.

First introduced into Lancaster County in 1973, the Soil Conservation Service built eight tiled terraces in the Garden Spot last year and already has 15 scheduled for construction this year. Their average cost is 92 cents per foot. The government is willing to share costs if funds are available. Right now they're depleted, says Ray Brubaker of the ASCS office.

The tiled terrace system is just one of several conservation practices which Rohrer incorporates into his farming program. Operator of a steer feeding facility from which 250 head of fattened cattle are marketed yearly, Rohrer saw the need for greater conservation efforts when he chose to boost his corn acreage at the expense of other crops, mainly hay. Of his 152 tillable acres, he has less than 10 acres in hay, about 16 in tobacco, 12 to 15 acres of wheat, and 110 in corn.

Knowing he couldn't plow up all of his ground without making an effort to save the soil, Rohrer adopted the aforementioned conservation practices. Prior to that his farm had been strip farmed and contoured. The need for more corn came about as his cattle feeding operation expanded. Mechanization made that possible. In addition to his beef production facility, the outstanding farmer-conservationist has 50,000 caged layers.

Rohrer's first steps toward an updated conservation program were taken five years ago. He recalls attempting to establish a sod waterway in 1972 and conventional cropland terraces a year later. The waterway had to be seeded several times due to rains sweeping the seeds and soil away. It was the year of the infamous Hurricane Agnes. That experience didn't convince the Rohrers to adopt conservation techniques. Rather, it encouraged them to speed up their plans. They had been waiting for government assistance. After Agnes they decided to move right ahead, even though it had to be at their own expense, instead of a cost-sharing program. The tiled terraces came later and were partially funded through the ASCS office.

The terraces on Rohrer's farm are anywhere from one to three feet high, depending on their strategic location in the overall plan to control erosion. Tiled terraces consist of drainage pipe at depths measuring anywhere from two feet to eight feet — again depending on their location. The pipe measures four, six, or eight inches in diameter, with larger sections being placed closer to the bottom of the slope since the volume of waterflow increases there. Vertically placed perforated pipes protrude through the soil surface at pre-calculated intervals to allow water to drain from the water-holding area. After a hard shower, water may remain here for more than a day, and the area will remain wet for a week or more. Although this could be a hinderance if the farmer wants to get out into the field to plow or plant, Rohrer says he's "pretty well pleased" with his conservation measures. "Conservation is important," he says, "I look at it from the standpoint of seeing the soil and fertilizer stay here."

So convinced is the Lancaster County farmer of the effectiveness of terraces, that he believes flooding during hurricanes can be avoided if every farmer had his fields terraced.

Rohrer tried no-till farming several years ago but was unhappy with his results and has since gone back to more traditional concepts. He believes the moldboard plow will continue to have a prominent place in his tillage program since it can be used to build up his terraces. A chisel plow, he claims, will tear the terraces down.

Rohrer and his wife were honored on March 17 by the Lancaster County Conservation District as the County's Outstanding Conservation Cooperators for 1977. They received the recognition at the organization's annual banquet and were given an aerial color photograph of their farm which was taken by Grant Heilman.

The deadline for farmers to have their erosion and sedimentation plans approved by the Pennsylvania Department of Environmental Resources, (DER) is July 1, 1977.

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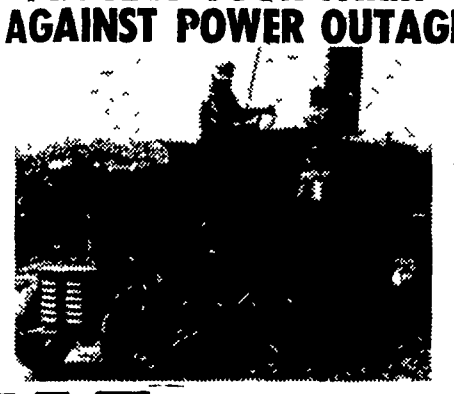

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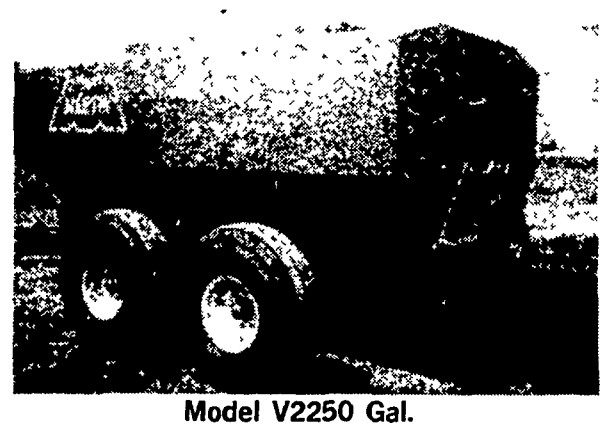

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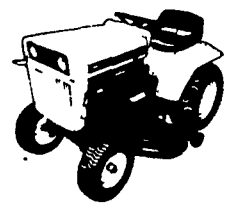

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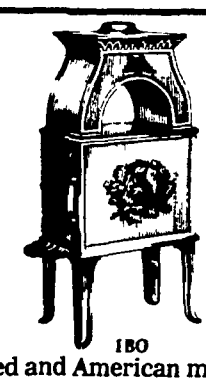

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Solanco entering three contests for first time

By DIETER KRIEG

MECHANICS GROVE, Pa. – Solanco High School's FFA chapter will be entered in three contests next week which they've never been in before. The contests – all of which are a part of FFA Week competiton at University Park – are horse judging, salesmanship, and interviewing. According to Dr. William Fredd, the events should be a worthwhile challenge to the three students involved.

Taking the Solcanco colors into the horse judging arena is 15-year old Tina Bucher, daughter of Mr. and Mrs. James Bucher, Quarryville R1. The Star Greenhand during her just completed freshman year, she has compiled an outstanding record in dairy judging, says Fredd, who heads the vo-ag department at the southern Lancaster County school.

As part of her training to prepare for the event next week, Tina has been participating in 4-H horse judging workshops. Bob Gregory and Mrs. John Henkel, club leaders, have both been guiding the horse student along. She has been riding since she was 12 years old.

The horse judging contest is divided into various parts which require the competitor

Scott Frantz

Tina Bucher

Les Hershey

to know breeds, diseases, and equipment. "It'll be a good opportunity for her," Fredd said. Tina lives on a 140-acre dairy farm and owns her own pleasure horse.

Salesmanship, as the name suggests, is a contest to determine a student's sales skills. Up at Penn State, it'll be Solanco's Scott Frantz pitted against other FFA'ers from all over the state. Contestants have product information on 12 Agway items and will be tested on their knowledge. The judge of the contest will approach the student, make some inquiries, and pose as a customer. Frantz' job will be to make a sale. He'll also be required to ring it up on the cash register, calculate taxes, make change, and write up a sales slip. Each step is worth points.

A sophomore at Solanco, Scott is the 15-year old son of Mr. and Mrs. John Frantz, Christiana R1. "I think there's a lot of learning in this contest," commented Fredd in reference to the salesmanship test.

Les Hershey, 17, will participate in FFA Week as an interview contestant. He will be tested for his knowledge and skills in preparing job applications and personal interviews. With just a year to go in high school, the practice is expected to give Les and others like him an idea of what to expect when the real job interviews come along after graduation.

The son of Mr. and Mrs. Floyd Hershey, Kirkwood, Les makes his home on a 146-acre livestock farm and has plans of going into farming full-time someday. At Solanco he's been active with various projects and judging teams, and has served his Chapter as vice president.

In addition to the above students, Solance will have others participating as individuals and on teams for statewide recognition. FFA Week is an annual event which tests skills and knowledge of Pennsylvania's top vo-ag students in an atmosphere of competition and fun. Penn State University hosts the three day event each year

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The pullet during this period is like a sprinter, accelerating rapidly from no eggs to peak production in a very few days. Remember it's the flock as an average, not the individual hen, that requires eight to nine weeks to reach peak production. Note the influence of the rate of sexual maturity on flock peak production as shown in Table 1.

Table 1· Effect of Sexual Maturity on Peak Production

% of Flock Laying First Egg	Week	Percent Production by Week From Onset of Sexual Maturity								
		21	22	23	24	25	26	27	28	29
4		60	94	94	93	92	91	90	89	88
9			60	94	94	93	92	92	90	89
21				60	94	93	92	91	90	89
32					60	94	93	92	91	90
21						60	94	93	92	91
9							60	94	93	92
4								60	94	93
Average Flock Production %		2	9	25	51	75	80	92	91	90

There is a lot of information as well as misinformation about this period in the pullet's life.

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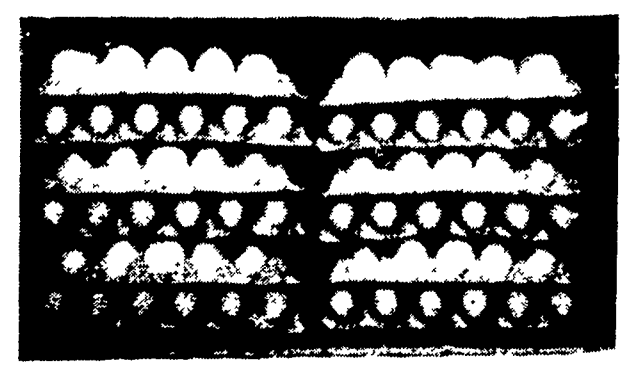
Bio Layena 114	70-80°F	21.7 to 23.3
Bio Layena 121	80-90°F	20.0 to 21.6
Bio Layena 128	Above 90°F	Under 20.0 lbs.

[1] The numbers after the Bio Layena rations indicate the Purina Bio-Rating. Each subsequent ration contains 7 per cent extra amino acid, vitamin and mineral fortification over the previous one. For example, Bio Layena 114 contains 7 per cent more fortification than Bio Layena 107 and 14 per cent more than Bio Layena 100.

[2] Values are guides only since feed use varies due to wastage, strains, etc. Use local judgement as when to change rations.



The key is to match a level of ration fortification that will provide the nutrient intake that a particular house of layers needs without any shortages or expensive and excessive overages. To do this weekly records of feed intake are necessary. Such records will return much more than effort involved to maintain them.

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Pork producers rally for more

By DIETER KRIEG

LANCASTER - Pennsylvania's pork producers are rallying for more profit and have started a campaign which they hope will result in greater participation in their check-off program. Lancaster County pork growers are spearheading the effort.

At a meeting held here Thursday afternoon, members of the Lancaster County Pork Producers Association took a first big step by introducing their plan to representatives of feed companies in the area. Salesmen from these firms have been asked to help round up support for the pork check-off program and are supplied with forms for interested farmers to sign.

The check-off program, initiated a year ago, deducts a dime from each market hog and a nickel per feeder pig for every animal marketed. Participation in the program is voluntary and the Association does not expect 100 per cent support. However, they'd like as much support as they can get and are boosting their efforts to sign on new strength.

Currently, only one market in the area is viewing the pork check-off program on a basis of "implied consent." Deductions for advertising, promotion and research are automatically made at the Leesport Auction. Refunds are granted upon request. At other auctions, however, the procedure is reversed. Deductions aren't made unless the seller implies that wish personally.

"We're all involved with this pork from the barn to the consumer's plate," exclaims John Henkel, chairman of the check-off expanison committee on the state level.

National, state and local pork producer councils are involved in advertising, research and promotion to a high degree, according to a slide program shown to the 60 people attending Thursday's meeting. A national pork cooking contest is taking place this weekend, for example, from which the NPPC expects to gain a greater share of the consumer's fancies.

This Summer the NPPC will launch the biggest promotional effort ever put on by any commodity group in the country. It will involve newspaper, magazine and television advertising in the nation's most densely populated areas. It will reach an estimated 45 per cent of the population, says the NPPC. A book containing more than 100 of the best pork recipes will be published this Fall.

John Henkel

Abe Fisher

Aside from advertising, research and promotion, pork producer councils are also actively pursueing foreign markets and greater representation in state and federal law-making bodies. A current effort, for instance, involves programs aimed at controlling pseudorabies. The NPPC has been instrumental in convincing the USDA to take action.

Abe Fisher, president of the Lancaster County Pork Producers, says of every 10 cents deducted per market hog, six are returned to the state, two go to the NPPC, and the remaining two go to the National Livestock and Meat Board.

Leading the program on Thursday were Fisher, Henkel, and Herb Schick, secretary-treasurer of the Pennsylvania Pork Producers Council.

Herb Schick

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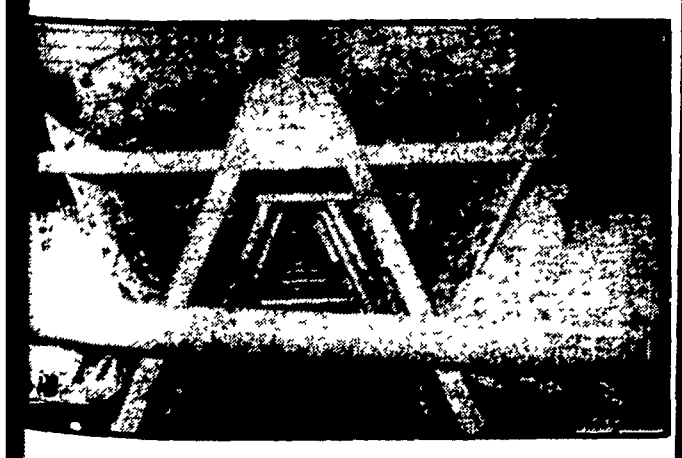

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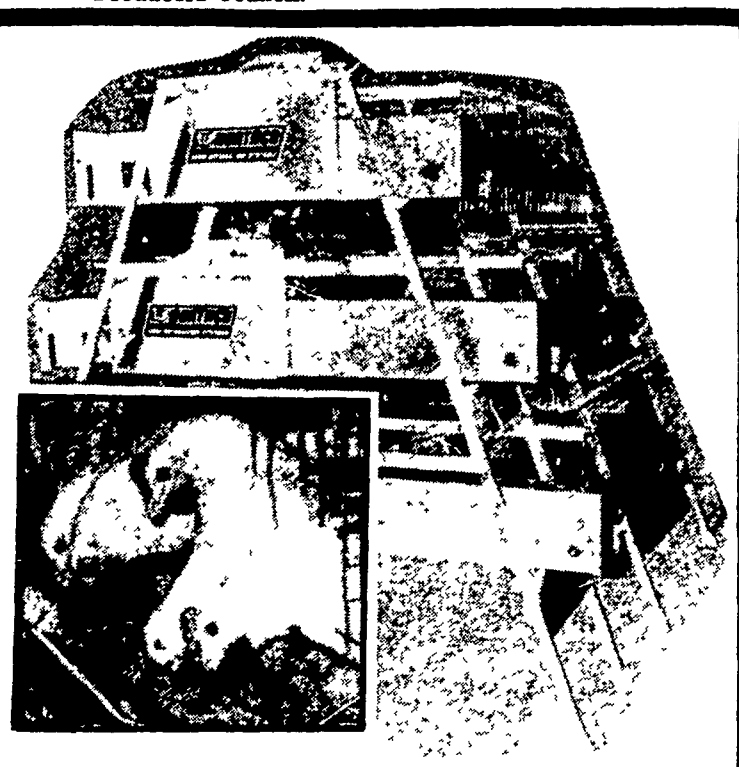

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Drought

[Continued from Page 1]

and keep a herd of 115 Holsteins. Their rolling herd average stands at 16,860 pounds of milk and 652 of butterfat. They've increased their milk production by 2500 pounds in the last 15 months.

Today, as back in the dry spells of a decade ago, the Yosts "try to make the most of everthing" they have, explains Jim. "Every little bit of rain we got, we utilized," the deeply tanned farmer continued. Two specific management practices which came about during the dry years and which are still practiced here annually are: 1. not worrying about grain production, and 2. not selling any excess hay or corn until just prior to the next year's harvest.

The Yosts are roughage oriented and make no excuses for it. "If we have forage, we're all right, the rest we can buy," the men explained. They note that the prolonged dry spell thus far this season has left them with a shortened hay crop, but that the situation still isn't anywhere near as critical as what they had to get used to 10 to 15 years ago.

"I'd rather plant corn in the dust, than have dust in August," commented 35 - year old Ed. They've found out that hay won't amount to much if rain doesn't fall after the first cutting. Consequently, they've learned to shift their cropping intentions accordingly. They've had better luck with corn and have already made plans for planting some of their less productive hay fields in corn. "We can still plant corn as late as July 15, but hay won't grow if it's dry," Ed affirmed.

Ryelage was another one of their solutions to roughage scarcities during the last decade. They've planted the grain as late as mid-August after plowing down 600 pounds of fertilizer per acre. It was sown in dust, the Yosts recalled, and then green-chopped from the end of September to early December. "We wouldn't do that today, but when it's dry you do anything," they added. They generally fed beet pulp along with the wet, freshly chopped forage to soak up some of the moisture.

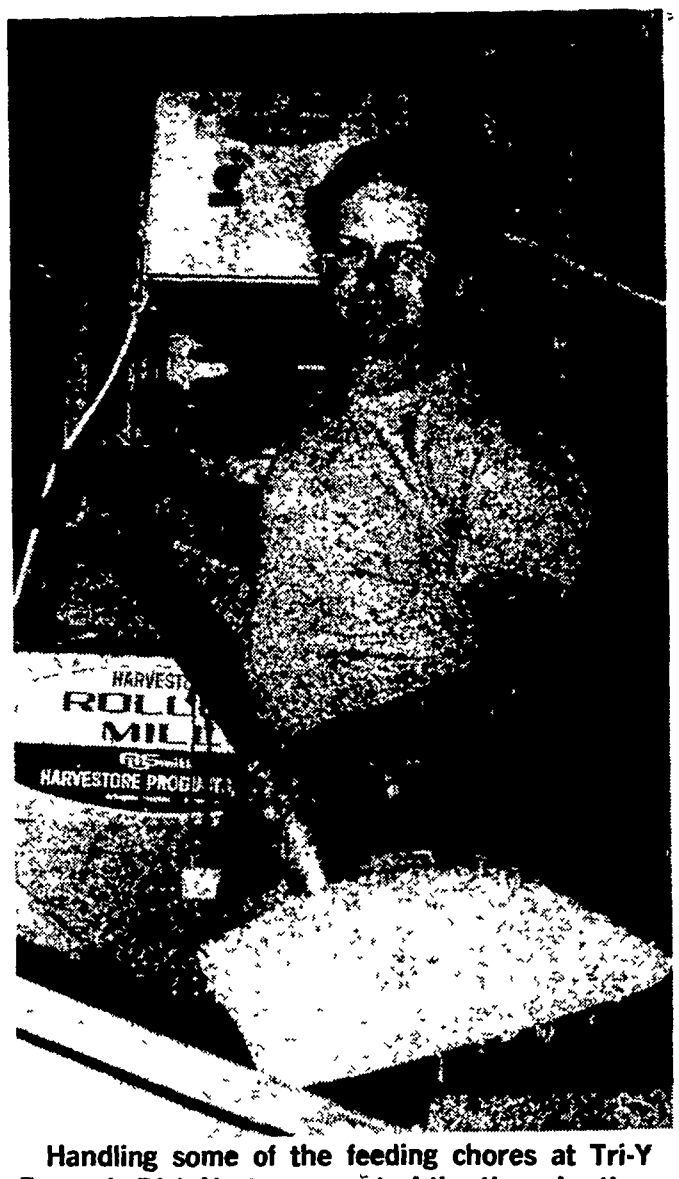
It's a different ballgame today, although the Yosts are trying to be versatile enough in case a drought strikes again. This past week their 84 milking Holsteins were averaging 58.8 pounds of milk per day per head. They're doing it on a ration which includes 20 pounds of corn silage, 13 pounds of shelled high moisture corn and 24 pounds of alfalfa haylage per head. That's what the better half of the herd receives. Lower producers get the same ingredients, but only four pounds of shelled high moisture corn. In either in a mixer wagon as a complete feed. Additional protein is added at a rate of five pounds per 100 head. "It's a balanced feed at each feeding - we believe in having all of the nutrients available with each mouthful," Jim explained.

The feed program still requires that some protein still be offered in the parlor, although the brothers wanted to get away from parlor feeding altogether. Other than that, the Yost's cows are fed entirely on the lot.

High quality haylage is a mainstay on the Yost's feeding program. Ed is in charge of preparing it, and all three stress the need for making it right. They like to cut the crop during the early bud stage and then let it wilt down to 40 to 45 per cent moisture. With the price of soybean meal being what it is, they've been especially appreciative of their forage supplies.

The Yosts claim high moisture shelled corn is responsible for much of their production improvement. They had been using ear corn for high moisture corn previously. "We were off with our energy before," 33 year old Richard explained simply enough.

The brothers operate as a legal partnership, with each being considerate of the other's interests, and each drawing wages. Jim, 41, took the initiative of forming the bond 10 years ago since they had grown up with the idea of staying together. He persuaded his father to buy a second farm in 1962 to allow for future expansion and sufficient income for three families. Two of the brothers live on the main farm, while the third lives on an adjacent property. Responsibilities are divided up equally. All pitch in where ever necessary.



Handling some of the feeding chores at Tri-Y Farms is Dick Yost, youngest of the three-brother partnership.

Jim Yosts's primary responsibilities in the Yost Brothers' partnership revolve around field work.

An average production of 58 pounds per milking cow per day was recently recorded at the Yosts' farm near Bernville in Berks County. Ed Yost, above, works with the cows and keeps the records.

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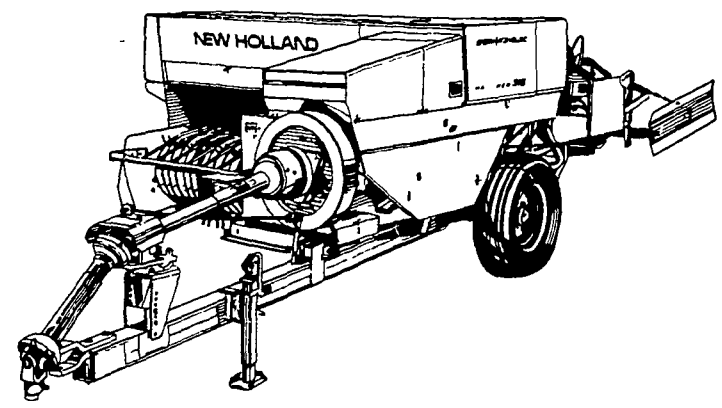

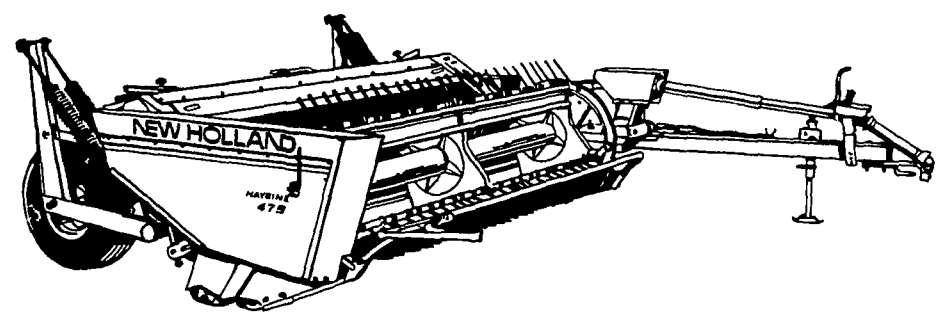

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Buy one of these units	...then choose a gift for yourself or your family			
Balers (14"x18" models) **Mower-conditioners (all pull-types)** **Automatic Bale Wagons (1000 series) and Stack Retrievers** **Round Bale Handler (Model 85)**	Fairfield Planter's Clock tells time, when to plant, moon phases. Includes "Earth-clock" book	S-K 4116 ½-in Drive Socket Set (16 pieces) and 1707 Wrench Set (7 Pieces)	Bulova Accutron Watch. Choose Man's (21127) or Woman's (22948) Accurate to one minute a month	Kodak EK-6 Instant Camera for brilliant color prints in 60 seconds
Balers (16"x18" and 16"x23" pull-types) **Automatic Bale Wagons (1030 series)**	Two Presto "Smoke Siren" early warning smoke detectors, ionization-type, battery-operated	Brittanica Junior Encyclopaedia Set, 15 volumes, especially designed for young people	Sharp Hand-Held Calculator with fluorescent display plus printout tape (Model EL-8151)	GE AM/FM Portable Radio with TV audio and cassette recorder/player (Model 3-5222)
Mower-conditioner (self-propelled) **Windrower (Model 1100)** **Automatic Bale Wagon (Model 1063)**	Panasonic RF-888 Portable Radio with AM/FM, Public Service Band, mike-mixing feature	Revere 8-Piece Copper Cookware Set, solid copper outside, stainless steel inside	Brother 781 Deluxe Stretch Stitch Zig-Zag Sewing Machine with built-in blind stitch and buttonholer	Johnson 40-Channel CB Radio (Messenger 4140), digital readout, illuminated meter, PA function
Baler (self-propelled) **Windrower (Model 1112)** **Automatic Bale Wagons (self-propelled)**	GE Portable 12-in. Black-and-White TV, operates on AC house current or 12-volt battery (Model XB-2460)	Hamilton Carriage Clock with solid wood cabinet, quarter-hour chime, 8-day keywind	Samsonite Card Table and 4 Chairs, "The Expression Group," with padded cushions, fold-flat design	Olivetti-Underwood Electric Portable Typewriter (Model 555) with 12-in carriage, carrying case

Models and some features may vary slightly in Canada

The chart tells the story. Your Sperry New Holland dealer has the details. Don't miss out. You may never get a better deal than this!

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Corporate farming laws questioned

By JERRY WEBB
Delaware Cooperatve
Extension Service

NEWARK, Del.–An increasing number of state governments have established laws banning completely, or placing severe restrictions on, corporate farm activity. Almost one-fourth of the states–most of them Western and mid-western farm states, have such laws and the list is growing.

If you're fond of the family farm you may applaud these actions. But beware–laws that control entry can also control exit. And something that was set up to manage the bad guys may also work against the good ones.

On the surface a law that restricts the movement of multi-company corporate giants into the corn fields and cow barns of rural America seems like a good idea. But let's look deeper.

In the first place those big corporations aren't that hot when it comes to farming. Many of them tried it with disasterous results. They couldn't sell out and go back to town fast enough. A few have stuck it out but pose no great threat to family farming.

Over the years farming hasn't been profitable enough to attract much corporate money. Beyond that, there are just too many uncertainties. Board members and corporate managers aren't geared to financial loss due to hail storms and flooded fields. They'd rather spend the stockholders money on things that can be counted on. They understand assembly lines, production per man hour, things like that. They don't understand corn blight, hog cholera and wet ground.

Another thing farmers must consider before applauding too loudly for anti-corporation legislation is the direction all agriculture is headed. The word is big. Big farms with big equipment and big money needs will rule agriculture in the future. In fact, they do already. While most of these are still essentially family farms, they're organized differently than they used to be. The family farm corporation is commonplace and plans that involve pooling of resources and talent between individual farmers are increasing. Laws now on the books could restrict these kinds of arrangements.

Here are examples of some corporate farming restrictions:

–North Dakota – all corporations are prohibited from producing food.

–Kansas – no farm corporation of more than 10 shareholders and no more than 5000 acres. No more than 20 per cent of corporate gross from nonfarm sources.

-South Dakota - no more than a 20 per cent increase in acreage in any five year period.

– Minnesota – five shareholder limit and majority must live on the land or actively engage in farming.

– Missouri – two-thirds of corporation's income must result from farming.

Obviously these are the harshest parts of several detailed laws aimed at saving agriculture from big city money.

I guess the point that really upsets me about this concept is that governmental units are deciding who will be allowed to farm. If a corporation can be excluded, why not lawyers and doctors? Maybe the legal heirs to a farm would have to sell the place because they live somewhere else. And possibly a group of farmers would be denied the right to set up a farrowing operation or grain drying facility.

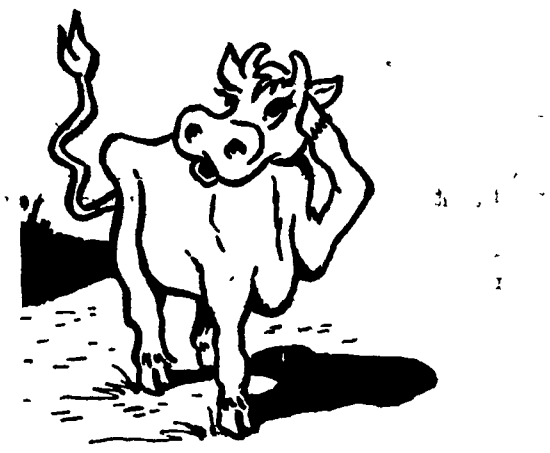
Taking this concept a little further, perhaps a law would be passed that would establish for all time the number of farming units in a state. A farmer would then be tied to the land until an acceptable replacement was approved who would then buy out the farmer at some government established figure.

And the young man from the city who attends an agricultural college and gets financial backing from a rich old uncle is denied entry completely because the "board" feels his roots are not in agriculture and he would be an undesirable addition to the community.

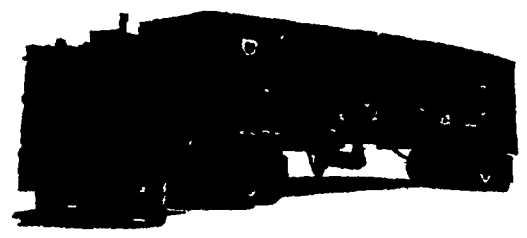
This may sound farfetched, but if you combine the worst of the existing laws you come up with something about that bad. And if it's possible to combine the worst, somebody will probably try. I think agriculture would suffer in the process.

Let's keep agricultural entry and exit wide open. Anyone who can afford to get in or get out should have the chance. I think the family farm will survive a lot longer in a free environment.

So, while we may not appreciate the big nonfarm giants setting up their great big farms, it seems unwise to legislate against them. Let them sink or swim like other farmers. If they can adjust let them enjoy the same opportunities that more traditional farmers enjoy. If they can't, they'll get out soon enough and make room for serious farmers.



Know Where the Activities Will Be
Read the Farm Women Calendar



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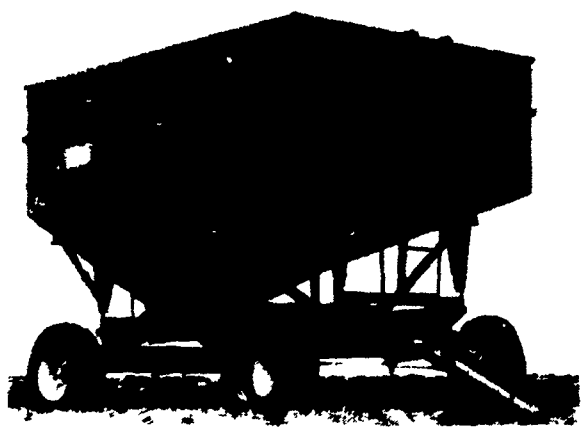

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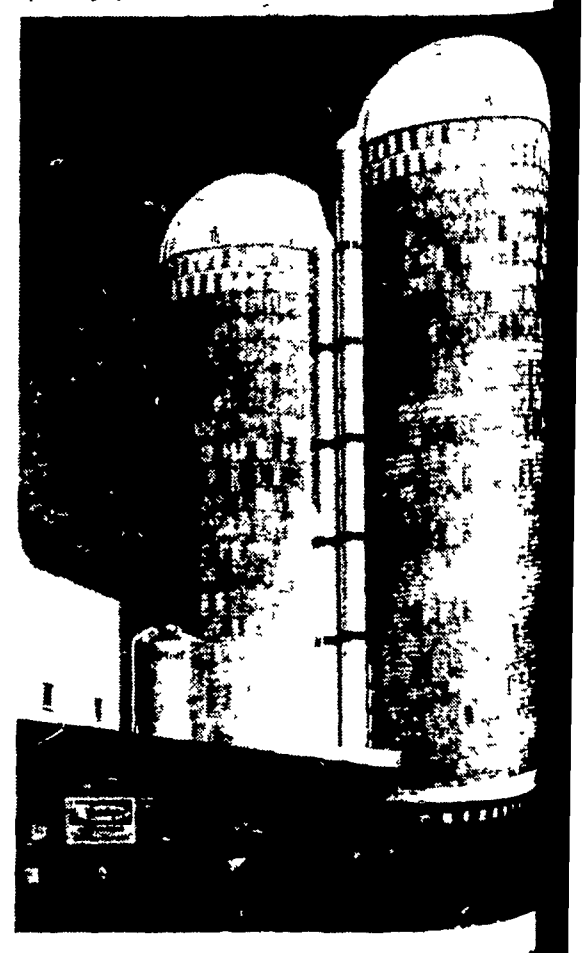

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FDA proposals will raise costs, Congress told

SHINGTON, D.C. — and Drug ustration proposals to r restrict the use of cyclines in livestock ultry feeds could lead raising of retail meat by as much as 15 cents a pound, a congressional committee has been told.

Dr. L.M. Skamser, American Cyanamid Company, told the Subcommittee on Dairy and Poultry of the House Agricultural Committee that it is neither wise economics nor prudent public health practice to allow food-producing animals to become sick before authorizing treatment. FDA has proposed banning the use of tetracyclines at low levels for disease prevention, growth promotion and feed efficiency.

FDA Commissioner Donald Kennedy recently said the action would be taken because of fear that such uses present a theoretical hazard to human health, even though, he admitted, actual evidence of such hazard does not exist.

The subcommittee, chaired by Rep. Charles Rose (N.C.) held three days of hearings on the impact of regulation upon the poultry, dairy and honey industries.

Dr. Skamser told the subcommittee FDA has said, in effect, "the fact that there is no evidence of actual hazard simply means we have missed the evidence, not that it doesn't exist."

The witness said the search for hazard has spanned more than 20 years. "Literally hundreds of research reports are available," he said, "from university, hospital and industry laboratories.

"In 1973," the witness said, "FDA set up criteria for further research. Industry has diligently performed this Herculean task with results that further sunstantiate the safety of antibiotics in feed and the continued effectiveness of the same antibiotics when used for treatment.

"And still FDA is not satisfied – now we are asked to prove absolute zero – that there is not even a theoretical hazard – and that is an impossibility!"

Dr. Skamser cited FDA statements that substitutes are available for some but not all uses of tetracyclines. However, FDA has also said the same questions of theoretical hazard have been raised about nearly every substitute proposed.

"If the agency is serious about protecting the public from theoretical hazards," the veterinarian said, "then it must move diligently to get these other villians off our farms."

Pointing out that more than 100 billion poultry and livestock have received antibiotics in their feed since the practice began some 27 years ago, Dr. Skamser listed these results:

...Americans have more meat, dairy and poultry products available than ever before;

...There are no widespread, untreatable disease epidemics among poultry or livestock on American farms;

...American farm families, handling medicated feeds and animals which consume medicated feeds, have health records as good as those of non-farm families;

...There are no widespread epidemics of untreatable disease among humans because of antibiotics in livestock feeds.

Responding to FDA criticism of industry for not developing alternate products, Dr. Skamser pointed out that since chlortetracycline was first approved for use in feeds in 1950, sixteen new antibiotics have come on the market.

"That is not a record of research neglect," he stated.

"FDA should not be allowed to pursue a philosophy that will make it virtually impossible to clear new drugs as well as cause the removal of some drugs already approved and on the market," Dr. Skamser said.

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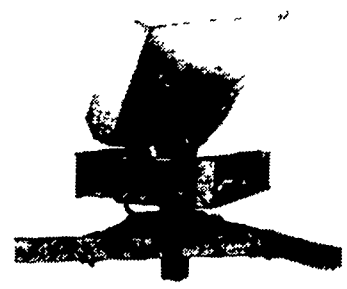
WHAT'S NEW



SILAGE DISTRIBUTOR

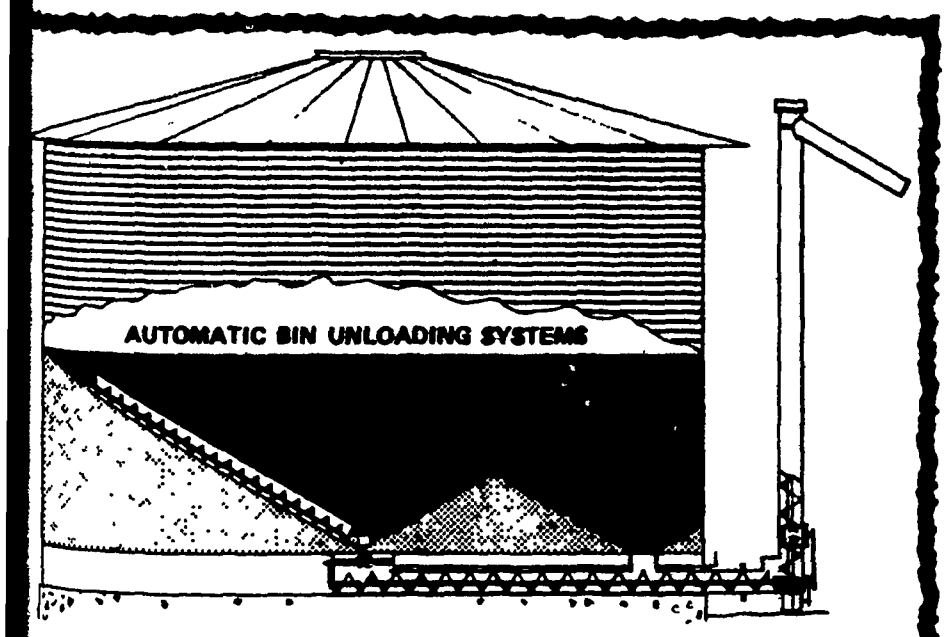
The New motorized Fill-O-Matic silage distributor for use on new or existing Volumatic II silage distributor - unloaders features permanent mounting of the motor and other heavy parts to simplify the quick change-over from filling to feeding out and back again, according to the Jamesway Division of Butler Mfg. Co., Fort Atkinson, Wisconsin.

During the filling of 16 foot to 30 foot diameter silos, the galvanized steel distributor plate replaces the silo unloader discharge chute, which is simply lifted out and stored in its brackets on the machine.

The distributor plate, which is flared and tapered from 24½ inches wide at the top to 22½ inches wide at the bottom, delivers silage into four spinning blades which distribute silage evenly to the silo wall as the unit rotates slowly in the silo.

The one horsepower motor which spins the four four-inch deep paddles is mounted on the under side of the power unit so no silage builds up on it.

The new Jamesway distributor helps provide increased silo capacity, better compaction with air pockets eliminated, and better fermentation.



-the-farm storage has now be-ne one of your most important nagement tools. For a long ing, safe and smooth running dling system be sure to specify ooka augers. In the Bazooka of bin loading/unloading equipment, distribution augers and automatic feeding systems you have a wide choice of capacities, accessories and drives. You have greater flexibility plus freedom to expand later on.

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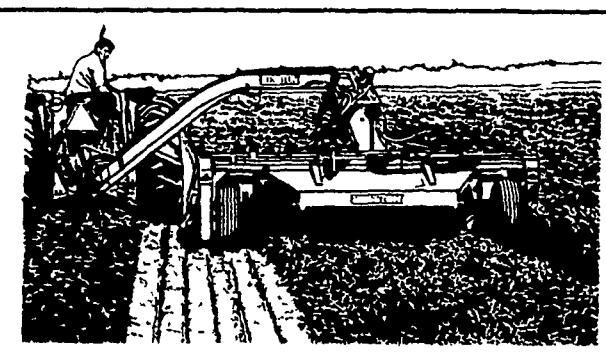


Hesston 1010 Mower-Conditioner gives you a 10' header with center-pivot maneuverability.

Conditioner Width 110 in.

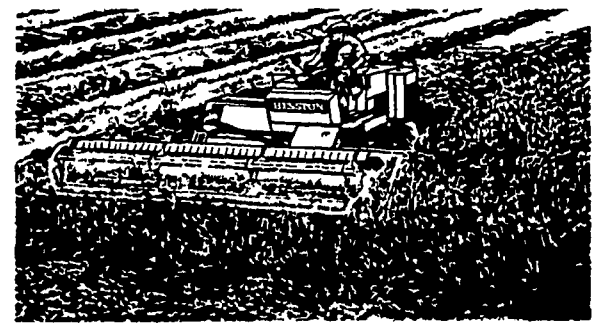
It's almost like operating a self-propelled! But the 1010 Hydro Swing® has all the economies of a pull-type. And its 10' header insures an easy fit into any size field.

Key to its maneuverability is center-pivot design that allows the header to work on either side of the tractor and anywhere in between. Famous Hesston conditioning system delivers quality hay. Swathing shield or windrow forming and fluffing shield lets you follow your own hay curing management plan exactly.

Hydrostatic header drive and hydraulic header control allow on the-go positioning for added convenience.

Ask your Hesston dealer about the 1010 today!

Hydro Swing is a registered trademark of the Hesston Corporation.



Get multi-crop flexibility at an economical price! Hesston 6200 Regular Duty Windrower

Interchangeable headers adapt this machine to almost any crop you'd want to windrow. Big 16' and 20' draper headers handle huge grain acreages. Standard auger headers in 10', 12' and 14' sizes handle alfalfa, native hay and sorghum-sudans. Special auger headers let the 6200 work in grass seed, peas and mint.

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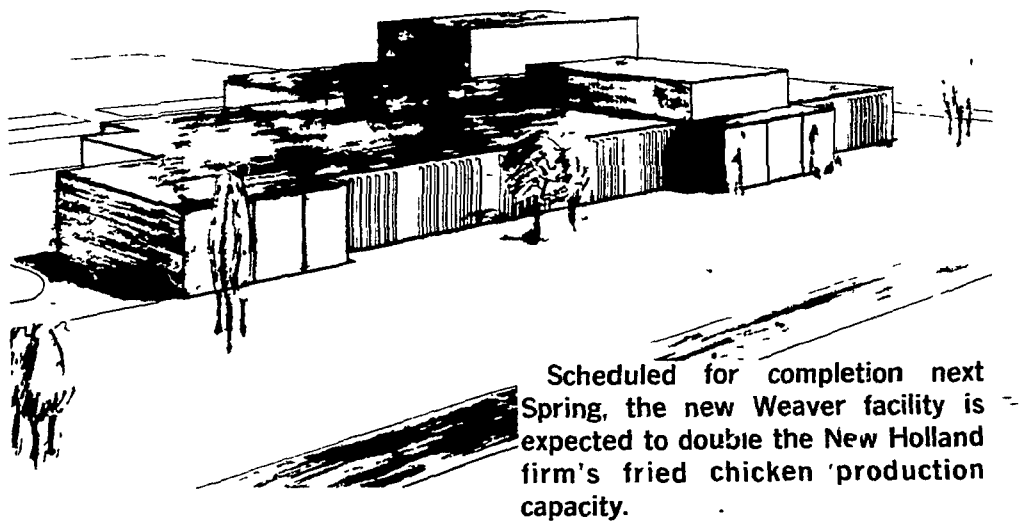
CONSUMER GUIDELINES

Information Necessary

Results of recent surveys show that most shoppers —close to 90 per cent —believe price, freshness and open date labels on food packages are useful. In addition, a majority of those

interviewed indicated other label information is valuable, including uniform names and descriptions of meat cuts, ingredient information and storage instructions, 2nd, name of food manufacturer, nutrition information, and unit pricing.

Weaver announces expansio



Scheduled for completion next Spring, the new Weaver facility is expected to double the New Holland firm's fried chicken production capacity.

NEW HOLLAND – Victor F. Weaver, Inc. will begin immediately to construct a new 4 million dollar product and warehousing facility located at the New Holland complex, it was announced earlier this month.

The new 85,000 square foot facility, designed by the Weaver Engineering Department, will be located on a six acre tract of land along South Custer Avenue and Philip Road. The building will be constructed of steel frame with masonry exterior and precast concrete tees. General contractor is Wohlsen and Company of Lancaster.

Located within the new Weaver facility will be a cold storage area, a cut-up department, three fried chicken lines and a visitors center. The new facility will free two existing fried chicken lines for use in producing other Weaver products. Designed with the future in mind, the new plant will enable Weaver to double its fried chicken production capacity over the next five years.

Upon completion, facility will ho approximately employees. Completion is tentatively scheduled May 31, 1978.

Know your harmful chemicals

UNIVERSITY PARK, Pa. - Many chemicals are harmful and even fatal to pets.

Such chemicals are found in rodenticides, insecticides, lead-based paints, gasoline products and antifreeze, say experts from the Penn State Extension Service.

The more common agents in these chemical formulations include lead-ethylene glycol, and organophosphate compounds - to mention a few, say veterinary toxicologist.

Many rat poisons (rodenticides) contain agents that interfere with the blood clotting mechanism, causing an animal to die from excessive hemorrhage. Such agents can be responsible for chronic poisoning symptions including vomiting, weakness, chronic diarrhea, and loss of hair.

Dogs may lick ethylene glycol; a common ingredient of permanent antifreeze, from garage floors and carelessly placed containers.

Pets that chew on or lick fences and plaster walls coated with lead-based paints are candidates for lead poisoning.

Other commonly found chemical-poisoning agents include amphetamine compounds, arsenical agents, strychnine, and some kerosene products.

Calling a veterinarian is the first step to be taken in chemical-poisoning treatment because there may not be enough time to get the animal to veterinary hospital. With guidance from a veterinarian, immediate steps can be taken to prevent further absorption of the chemical in the stomach.

Vomiting must be induced if the agent was taken internally. This can be done by placing a teaspoonful of salt in the back of the animal's mouth or by giving him one or two teaspoonfuls of hydrogen peroxide solution orally.

The best advice for pet owners is to prevent poisonings in the first place. If you are aware that a chemical can harm your pet, clean it up when it is spilled, or store it out of your pet's reach.

A little caution can prevent a great deal of pain for your pet and anxiety and expense for you.

WHAT'S NEW

RABBIT BOOK

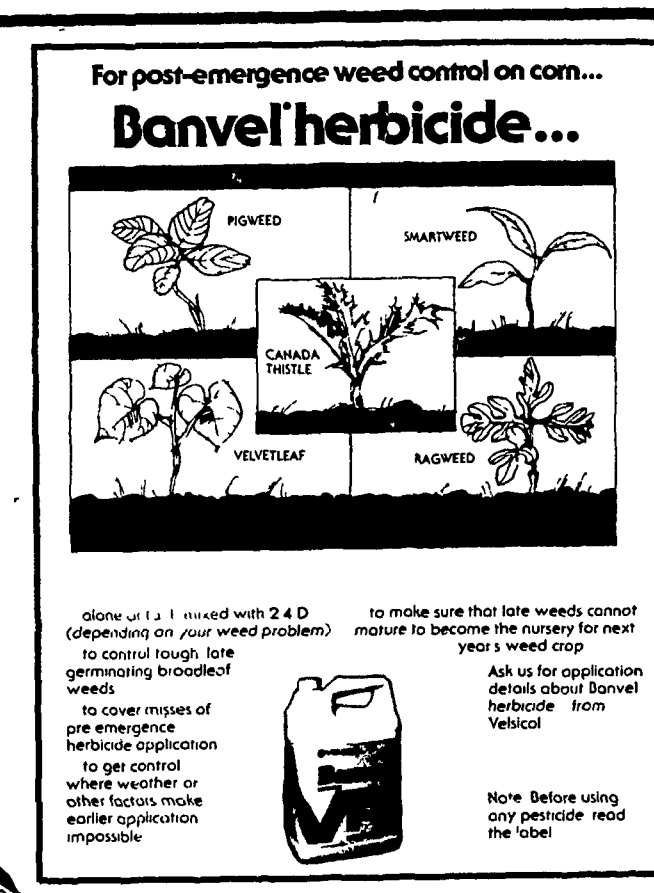
LOS ANGELES - "Rabbits - An Albers Plan for Raising Rabbits", recently revised, is now available from Albers Milling Company, division of Carnation Company. This 25-page booklet describes various rabbit feed programs for profitable rabbit production.

Included are methods for selecting foundation stock and steps to getting off to a good start. Also considered are some standard breeds and varieties of rabbits along with suggestions for herd replacement program.

Page 22-25 list "8 Steps to Help Prevent Disease in the Rabbitry." Additionally, the 17 most common rabbit diseases are catalogued in terms of their external and internal symptoms, cause, prevention and treatment.

Carnation-Albers feeds and feeding equipment have been developed from 1892 when the Albers Milling Company was founded. These include: Calf - Manna - the first pelleted calf feed on the market; Suckle Milk Replacer; Suckle Nursing Bottles; Manna-Mate - a combination of Calf Manna and grains; Optimil - the scour control formula; and Horse Sho-Glo, an ultra high potency horse conditioner.

Copies of these booklets are available by writing Carnation-Albers, 6400 Glenwood, Shawnee Mission, Kansas 66202.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Ask us for application details about Banvel herbicide from Velsicol
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Miners

[Continued from Page 10]

ue boys would need the help available to op the program. That d be six top advertising ol executives at $50,000 year

The producer must be esented; appoint 60 producers and since it is supposedly for their benefit, they donate their time and services.

4. After the program is in effect we suddenly find out the program is so unwieldly and uncontrollable that we can't police it and collect enough money to pay all those fantastic salaries. Add something else to benefit the farmers: A. Four computers located throughout the USA at $1,000,000 each.

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Oh and we forgot one other thing. By this time the rest of the world decides America is eating too much protein in the form of beef so the President appoints a new cabinet member at the Beef Referendum expense for the Orderly Control and Marketing of Domestic Beef.

I am 47 years old. I have eaten beef raw, boiled, broiled, pickled, pate, radiated, marinated, stewed, charcoaled, foiled, casseroled, and proteinated with soy beans. We have preserved it by canning, freezing, smoking salting, and drying. What do you think the Ad Council boys from Fifth Avenue who never participated physically in any part of the beef raising to market processs could come up with that the frugal Pennsylvania Dutch have not already done. These desk jockeys who have never physically participated in any part of the beef raising through slaughtering to market process. I suppose they may come up with something startling like substituting soy bean milk for cow's milk in the creamed beef on toast dish.

Wake up farmers and voice your opinion. This includes dairy farmers most of whom are not even aware of what it will do to them. There is no need for bureaucracy of this type. Vote No!

Sincerely,
Ernest F. Derr
Alburtis, Pa.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

have a nice weekend...

Farm Calendar

[Continued from Page 10]

Building, 3301 West Market Street, York.

Thursday, June 16

Cumberland County Wool Pool, Carlisle Fairgrounds, 7 a.m. to 3 p.m.

Friday, June 17

Lebanon County dairy princess contest. Boscov's Auditorium, 7:30 p.m.

Saturday, June 18

Chester County dairy princess pageant, 8 p.m., Nottingham School, Oxford, 6:45 p.m.

York County 4-H Chicken Barbecue, serving 4 to 8 p.m., at the 4-H Center in Bair.

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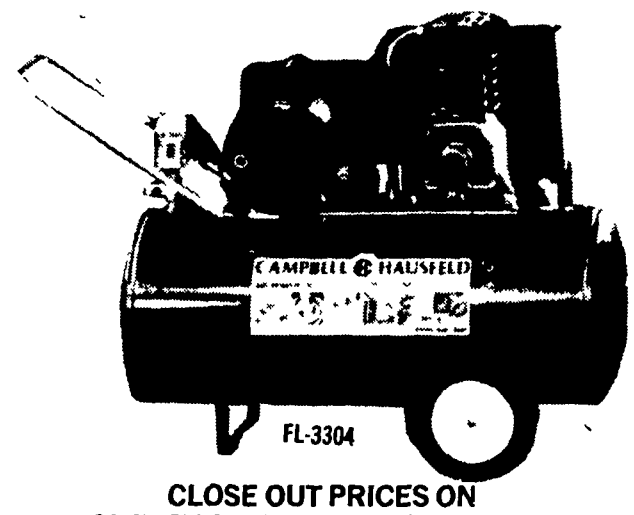

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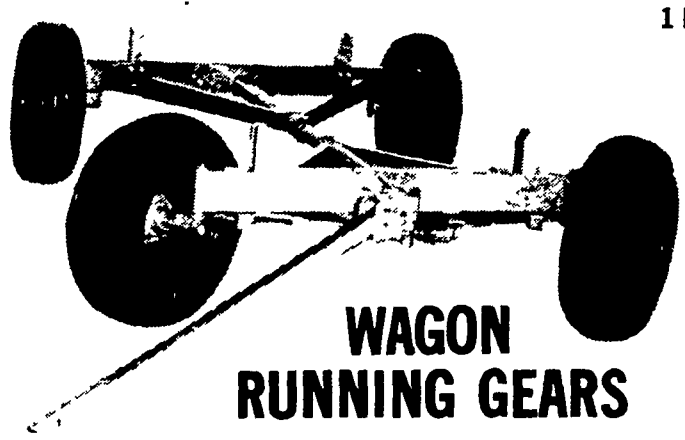

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New parasite killer tested

MINNEAPOLIS, Minn.—Morantel tartrate is highly efficacious in the removal of major gastrointestinal parasites from cattle, according to Dr. D.L. Froe, II, research veterinarian at the Pfizer Developmental Research Department in Lee's Summit, Mo.

Dr. Froe says a removal rate of 96 to 100 per cent against stomach worms (Osteriagia spp., Trichostrongylus axei, and Haemonchus placei), and intestinal worms. (Cooperia spp. Oesophagostomum radiatum). He said results of the studies were consistent with earlier studies in sheep.

Morantel tartrate, not yet approved by the Food and Drug Administration for control of parasite infections in cattle, is one of a series of new anthelmintic compounds which belong to a family classified chemically as tetrahydropyrimidines. It is a white, odorless, crystalline solid readily soluble in water.

"Though obvious clinical signs of parasitism (i.e. diarrhea, 'bottle jaw,' rough haircoat, etc.) were absent in the experiments," Dr. Froe reported, "it was evident from the improvement in performance after morantel tartrate treatment that internal parasites do have a deleterious effect on performance. Overt clinical signs often do not manifest themselves in commercial herds and feedlots primarily because the cattle are on a high plane of nutrition. There is then," he added, "an attempt under this circumstance to compensate for the disease at the expense of efficiency and growth."

Dr. Froe said the fact that fecal egg counts were continually reduced after treatment indicates the value of morantel tartrate in reducing contamination of pastures and lots with parasite ova. Another important feature of morantel tartrate, he continued, is its apparent efficacy against larval forms. Control of larval forms indicates an immediate benefit to the animal because it is the third stage larvae of Osteriagia spp. that migrate into the abomasal mucosa.

WHAT'S NEW

SWINE BOOK

LOS ANGELES - "Swine - A Complete Feeding and Management Program," recently revised, is now available from Albers Milling Company, division of Carnation Company. This 37-page booklet describes various swine feeding programs for profitable swine production.

Selective breeding techniques, nutrition and farrowing information as well as a management timetable for breeding sow and growing and finishing are included.

A two-page "Comprehensive Feeding Guide for Swine" details a complete feed program, a supplement feed program, along with feeding instructions. This is broken down among market animals; breeding and lactating animals; developing breeders; gestating animals; and farrowing animals.

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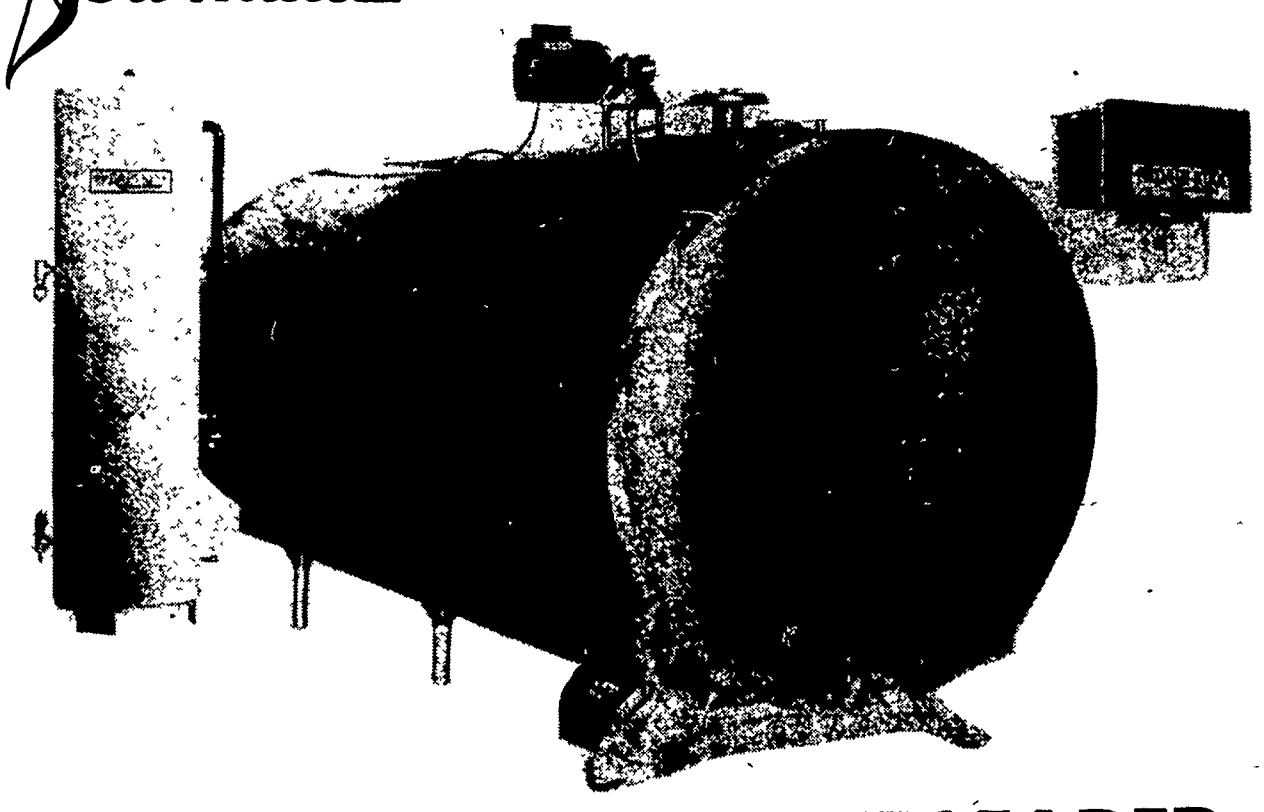

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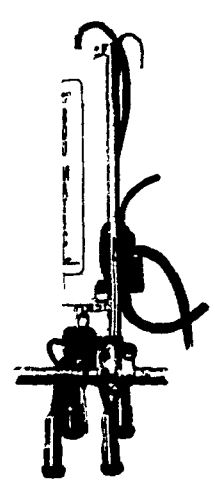

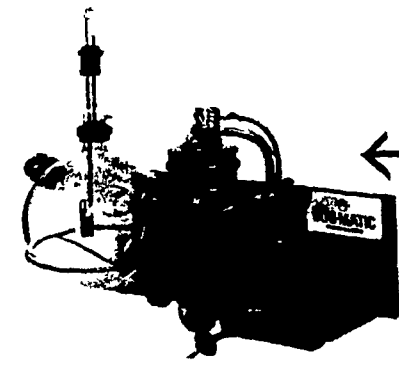

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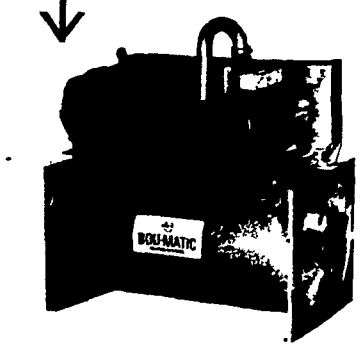

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[Continued from Page 1]

n Shenk, Lititz R2, to k away with the purple d champion rosette, not mention a pocketful of ey. This year's grand l came to $81.50--$50 for quart of berries, $22.50 another, and $9 prize ey for taking the grand mpion honors. The ry Club annually gives $40 to be divided between the 4-H members taking part in the round up, and then holds an auction for the strawberries at the conclusion of the afternoon's program. Last year Shenk racked up $107 for two quarts.

Asked how he felt about being first for the second year in a row, Shenk answered "I feel great!" He also noted that he thought he'd bank the money he received on Wednesday and possibly reinvest it in strawberries later on.

During a year when the average strawberry is characteristically small in size, the Penryn-Elm 4-H Community Club member said that he did "nothing special" to produce the giant strawberries which averaged about two inches in width.

"I didn't do anything more than I usually do" he stated ernestly. But, then, what he "usually does" has had a fairly good success rate in years passed.

The "best" he did this year was irrigate the plants if they got too dry, and applied manure and a plow-under fertilizer.

While Shenk has been going a long way with the productivity of his half acre strawberry patch, he doesn't plan to go into producing this fruit on a large scale. Instead, he wants to go into dairy farming. He is a member of the Manheim Central FFA as well as the 4-H Holstein Club.

Arnold Lueck, Lancaster County Extension agent and one of three judges for the roundup, was surprised with the size of Shenk's prize-winning berries.

"On the whole, this year's strawberry quality was not quite as good as last year's" he commented. "The weather didn't cooperate, so the berries were generally somewhat undersized, although they were sweet. However, the premium berries at this roundup were excellent."

Also judging Wednesday's event was Charles Forney, Nazareth, Pa., a Summer Extension assistant from Penn State, and Linda Franz, Extension youth agent for Lancaster County.

The berries were judged for freshness, firmness, and uniformity of size. The 4-Her's were also graded on record books.

A total of nine individuals competed in Wednesday's round-up. This was a large group for Lancaster County.

A complete record of the roundup follows; Glenn Shenk, first; Jim Stauffer, second; Philip Nissley, Manheim R5, Elm-Penryn Club, third; Cindy Risser, Leola R1, Manheim Township 4-H Community Club, fourth; Mary Yuninger, Marietta R1, Elizabethtown Donegal 4-H Club, fifth; Martha Gregory, Lititz R1, Brickerville 4-H Community Club, sixth; Ray Wallace, Quarryville R2, Kirkwood 4-H, seventh; Jay Edward Nissley, Manheim R5, Elm-Penryn Community 4-H Club, eighth; and Gail Bukowski, Mount Joy R1, E-Town Donegal 4-H Club, ninth.

WHAT'S NEW

DIGITAL SCALE

A new scale, an X-Actron from Howe Richardson Scale Company, Clifton, New Jersey, features digital readout in a choice of resolutions and options such as a net-gross switch.

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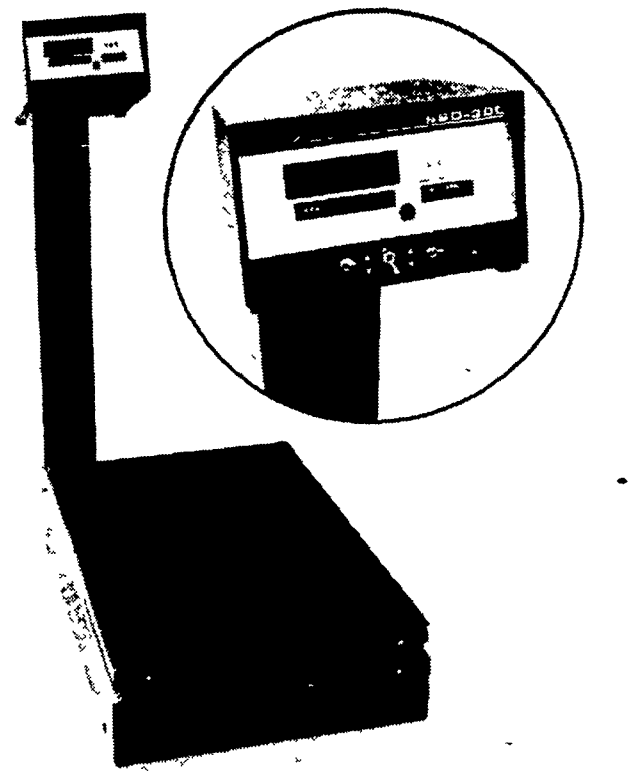

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Five Solanco youths in state land contest

Solanco's land judges at practice include, left to right, Sam Long, Ron Clark, Dwayne Peifer, and Wayne Bitner.

By DIETER KRIEG

MECHANICS GOVE, Pa. - - The reigning state champion in FFA land judging -- Solanco High School -- will field a new quintet of competitors at University Park next week in an attempt to hold on to the title.

Making up this year's group are Sam Long and Wayne Bitner, sons of Mr. and Mrs. Samuel Long, Peach Bottom R2; Mike Rhoads, son of Mr. and Mrs. Sam E. Rhoads, Peach Bottom, R2; Dwayne Peifer, son of Mr. and Mrs. Enos Peifer, Kirkwood R1; and Ronald Clark, son of Mr. and Mrs. Robert Clark, Quarryville R2. Their coach is Dr. William Fredd, head of the vo-ag department at Solanco.

The five contestants will compete at the Centre County event as individuals, Fredd explained. The high three individuals in that contest will then make up the state team which then has an opportunity to go to the national contest. Solanco just recently returned from that honor, having had the top two individuals in the state last year. The third member of the Pennsylvania team was from Ephrata's Cloister FFA Chapter.

Solanco has a tradition for perenially fielding some of the best land judges in the state. The subject is taught at Solanco during the sophomore year. As part of the practice routine, Fredd requires each of his state land judging competitors to dig four testing sites on his home farm. All 20 sites are then evaluated by each of the land judges who has qualified for the big event at State College.

Fredd, who has been involved with FFA Week's land judging contest at Penn State for the past eight years, stresses that students be as familiar with their scorecards as they are with the soil they're supposed to judge. He claims 50 per cent of the competitors don't completely understand the scorecard and therefore miss opportunities.

The land judging contest is one of the most popular of all events held during FFA Week, which this year is scheduled for June 14-16 at Penn State's University Park campus. A year ago 163 vo-ag students were entered in the land judging contest. Solanco's Richard Drumm and Tom Jackson won first and second places, respectively, with Ephrata's Dan Hollinger third.

In addition to fielding contestants for a variety of contests next week, Solanco also boasts having the State FFA President, Randy Ranck. Also, the current FFA Princess, Marcia Hess, is from the southern end of Lancaster County.

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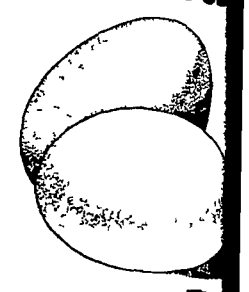

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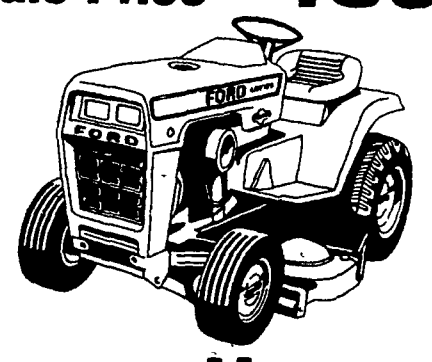

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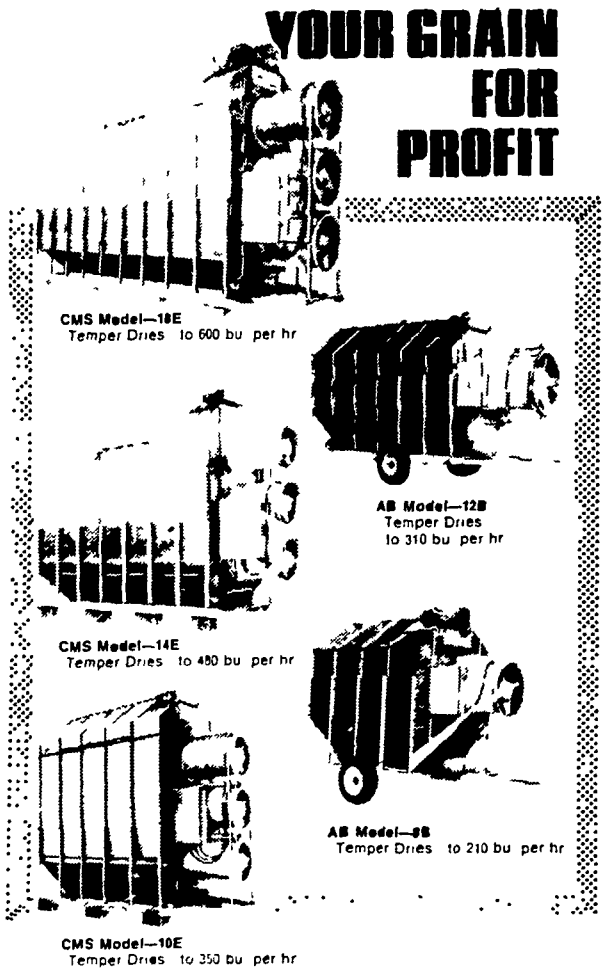
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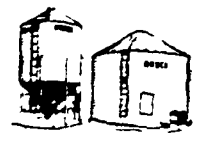

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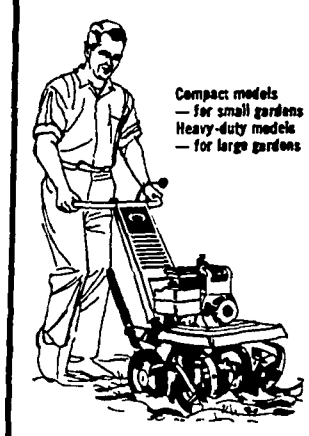

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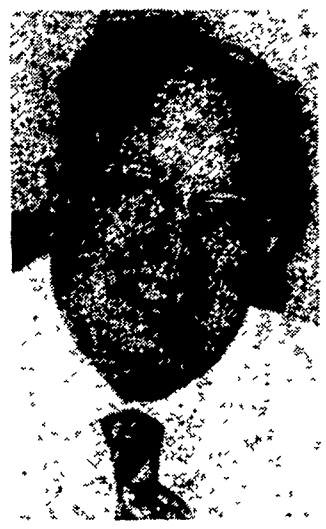

Robert Stover, general manager of Production Credit, York

[Continued from Page 1]

exempt agricultural loan transactions from certain Truth - in - Lending regulations.

Present requirements include a mandatory three-day "cooling-off period" for all loan applications. During that period, a borrower who has already signed on the dotted line can return a recision slip, legally cancelling the contract. The consumer - oriented legislation came out of Congress in 1969, with the original intent of protection from high-pressure sales tactics, especially those of the uninvited, unannounced, door-to-door variety. Its umbrella coverage included farm lending transactions.

As with most government regulations, once established they have a way of mushrooming into more complications.

"While we're awaiting progress of Senate Bill 1312, the Federal Reserve Board recently amended Regulation Z to require advance disclosure of any variable rate clause in a credit contract that would result in an increase in the cost of credit to a customer, effective October 10, 1977. That amendment will add even more to the costs of our borrowers - owners," emphasized Robert M. Parker, Jr. Paker is Assistant General Counsel to the Federal Land Bank of Baltimore.

Since Farm Credit institutions are actually owned by the people they loan money to, Parker sees no reason to suspect that the credit establishment would have an incentive to overcharge or misrepresent their services.

"The Truth-in-Lending Act was designed to deal with consumer credit transactions in which loans are made primarily for personal, family or household purposes. For the most part, the credit transactions of the Farm Credit System involve extensions of credit for agricultural business purposes in financing ongoing farming operations," added Parker.

Robert Stover, general manager of Production Credit of York, cites the red-tape paperwork as a major stumbling block to Farm Credit business operations.

"I couldn't begin to estimate how many hours are involved in preparing the forms and all the copies required by the regulation," he figures.

"It's been a hindrance to use in providing good service to the farmer," Stover added. There are a couple of sets of papers for each loan, with copies to keep and copies to send out to the borrower. It takes twice the time to close out loans and costs us both the manpower and added postage expenses."

But any credit organization ignoring the mandatory Truth-in-Lending regulations takes its chances. If found not properly complying with the law when government inspectors tally the books, there's a stiff fine, as well as the possibility of a jail sentence for the parties responsible.

Loans over $25,000 are exempt from the waiting period under the federal rulings. However, Pennsylvania has its own set of Truth-in-Lending laws, with compliance extending beyond the federal cut-off figures.

One case of farm borrowing difficulty might occur when the feedlot operator finds himself a bargain at the stockyards and purchases a trailerload of cattle without first clearing a loan.

"Before Truth-in-Lending, a feedlot operator could have walked in the office and gone home with a check immediately," explains Stover. "Now all he can get for three days is a chance to back out of the transaction." And the waitng period is three working days; on a holiday weekend that could run to a total of six days delay.

"The regulations have caused me problems in the past," indicated John W. Marstellar, Sr., of Stewartstown R3. "There's entirely too much paperwork and sometimes it took too long to get money."

Marstellar maintains an average of 300 head of cattle on his feedlot. Because of bulk buying at auction, he has established revolving-type credit arrangements for operational purchasing.

Jerry Rutter, Dover R2, indicates similar credit management to operate his set-up which includes about 4000 head of hogs and several hundred feeder cattle.

"The waiting period hasn't caused us any difficulties," commented Rutter, who periodically updates his future credit needs with commercial loan establishments.

How much good has the time-consuming and costly paperwork done agriculture borrowers?

"In the several years we've been working under this law, we've never had one recision slip return," concluded Stover.

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Ella Mae Zimmerman, Ephrata, was out picking cherries last Wednesday when the pick-your-own season began.

Cherries are ripe

(Continued from Page 1)

Prices this year range anywhere from 35 cents to 50 cents per pound.

Several orchards began "pick-your-own" last week, which is at least 10 days ahead of schedule. Cherry Hill Orchards, New Danville Pike, Lancaster, opened one location to the public last Tuesday. Cherry Hill is the largest cherry orchard in the state with 110 acres dedicated to the fruit.

Richard Haas, owner of the orchard, reported that this year marked the earliest he has ever put cherries on the market. Before he began the "pick-your-own" season last week, he had marketed cherries on May 31. His semi-sweet will be open to pickers today, and his sour cherries will be ready for picking in approximately two weeks.

While his trees were laden with fruit on Wednesday, Haas noted that he, like other orchardists lost about one-third of his crop to the frost in April.

Another Lancaster County grower, Carlton Groff, Kirkwood, reported having "the best crop" in three or four years with his five or six acres of sweet cherries. His tart cherries, on the other hand, are almost nill this year, according to Mrs. Groff. They hadn't opened the orchard earlier this week, but expect to do so today or Monday.

Herr Fruit Farms, Lancaster R2, deals only in tart cherries and reports that this crop is of excellent quality with firm, sweet, and not waterlogged fruit. Peter Alecxhi, of Herrs, reports that the tart cherry crop is down by about 50 or 60 per cent of last year's.

Alecxhi markets all his tart cherries through "pick-your-own" and may be opening up by the middle or the end of next week. Quite a bit rests on the extent of the cold, rainy, weather Lancaster experiences between now and then.

Blevins Orchard in York County opened to the public last week, also, for the few sweet cherries they raise. June 20 will be the date for "pick-your-own" on sour cherries at this orchard. Gene Blevins reports that he, also, experienced the light crop due to freeze damage, although he had a full crop of peaches and apples.

Thomas Piper, Adams County Extension agent, noted that most of the fruit growers in that particular area of the state market their crop via roadside markets, and that harvesting began in the county in the beginning of last week. The tart cherry harvest is due to start around the 23rd of June, which he noted is about a week or 10 days early.

Ontelaunee Orchards, Leesport, hoped to begin picking for roadside marketing by today. While their sweet cherries harvested by their wor they will feature pick-own on sour cherries in 10 days.

Chester County, whi not noted for a partic large crop of cherries even smaller crops usual due to the April Winter bud kill, decreased bee activity.

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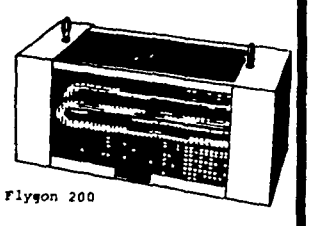

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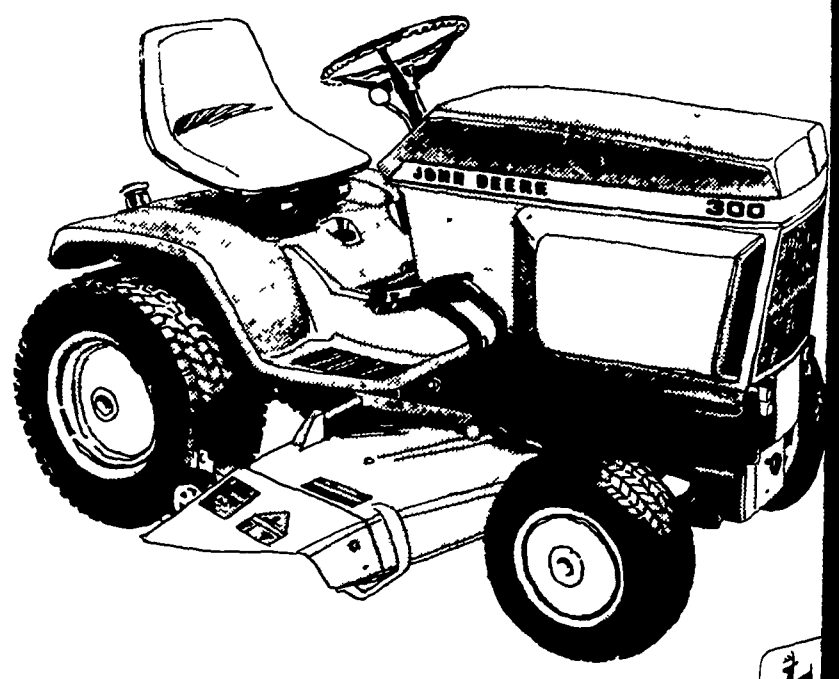

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History of dairy farming outlined

eople have long been re of milk's value, but it n't until science and ustry combined efforts they were provided the st milk in the world. uwenhoek's discovery of rmatozoa in 1679 and del's postulation of the s of heredity almost 200 rs later resulted in the ding of high-producing s through artificial mination.

Today's highly sophisticated and efficient U.S. dairy inudstry came about through the following:

1611 Cows arrive for Jamestown Colony.

1624 Cows reach Plymouth Colony.

1841 First regular shipment of milk by rail - Orange County to New York City.

1856 Pasteur experiments start.

1856 Gail Borden receives first patent on condensed milk from both U.S. and England.

1857 First successful condensery built by Gail Borden at Burrville, Connecticut.

1875 First ammonia compression machine invented. This was the forerunner of refrigeration.

1878 Continuous centrifugal cream separator invented by Dr. Ğustav De Laval.

1880 First commercial pasteurizer appears in Germany.

1884 Milk bottle invented by Dr. Harvey D. Thatcher, Postdam, New York.

1885 Market milk being pasteurized regularly, for commercial rather than public health reasons, in Copenhagen and Stockholm.

1886 Automatic bottle filler and capper invented.

1890 Tuberculin testing of dairy herds introduced. Test for fat content of milk and cream perfected by Dr. S.M. Babcock.

1892 Certified milk originated by Dr. Henry L. Coit in Essex County, New Jersey.

1895 Commercial pasteurizing machines introduced.

1908 First compulsory pasteurization law (Chicago) applying to all milk except that from tuberculin tested cows.

1911 Automatic rotary bottler filler and capper perfected.

1914 Tank trucks first used for transporting milk. Homogenization developed by A. Gaulin.

1919 Homogenized milk sold successfully in Torrington, Conneticut.

1922 First railroad tank car for transporting milk introduced.

1925 Stop-and-go horse driven milk wagons replaced by first step-and-drive milk trucks.

1932 Ways of increasing vitamin D in milk made practical.

1933 Fluid milk included in army ration.

1934 Michigan dairy makes first commercial success with homogenized milk.

1938 First farm bulk tanks for milk begin to replace milk cans.

1942 Every-other-day milk delivery started (initially as a war conservation measure).

1946 Vaccum pasteurization methoc perfected.

1948 Ultra-high temperature pasteurization introduced.

1948 First plastic coated paper milk cartons introduced commercially

1950 Milk vending machines win place in distribution commercially

1955 Flavor control equipment for milk introduced commercially

1964 Plastic milk container introduced commercially

1967 Nondairy milk substitute introduced in several markets.

1968 Official acceptance of electronic testing for milkfat content.

1974 Nutrition labeling of fluid milk products.

1975 Metric measurement equivalent introduced.

Thanks to this steady progress, our nation's industry now boasts refrigerated tankers and trucks, automatic milkers, stainless steel piping and holding tanks, and computerized, automated processing plants for a wide range of milk products. Today almost all fresh milk in the U.S. is homogenized, and most of it is fortified with vitamin D.

And the progress continues. For the last hundred years geneticists, physiologists, animal husbandmen, veterinarians, biochemists, even climatologists, have taken advantage of the adaptable nature of the dairy cow to produce hardier, healthier and more productive breeds.

xxx

The State Civil Service Commission is not the principal hiring agency for state employes. The Commission accepts applications, develops and administers civil service tests, established lists of qualified persons who pass the tests, and certifies names of eligible candidates to various state agencies who interview and select their own employes.

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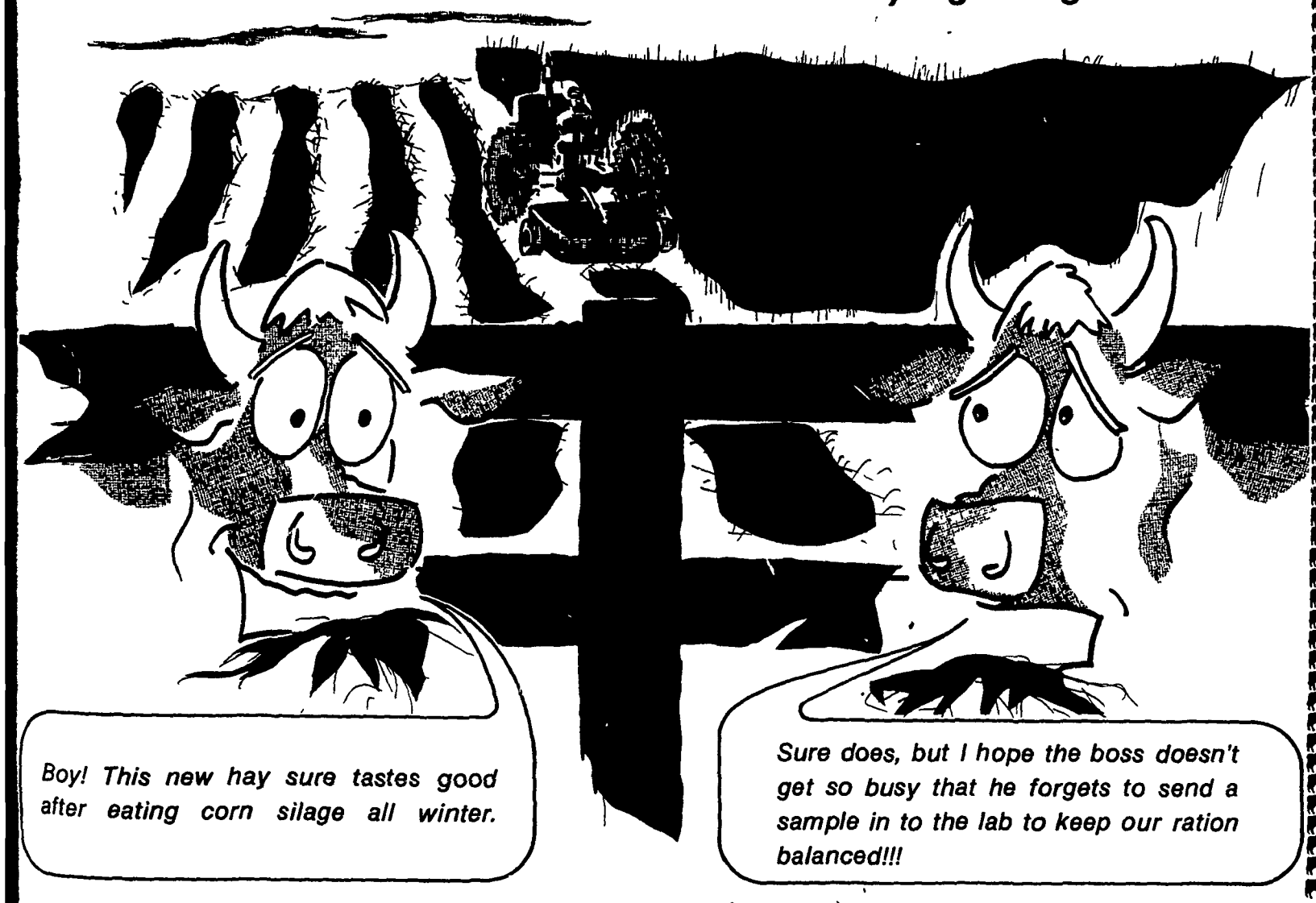
Boy! This new hay sure tastes good after eating corn silage all winter.
Sure does, but I hope the boss doesn't get so busy that he forgets to send a sample in to the lab to keep our ration balanced!!!

(for more information . . . .)
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South Central Penna.
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Regional Manager
250 Edwards Ave
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Leaf beetle stung

[Continued from Page 1]

before the program really becomes effective, the county agent explains.

Now in its second year, the cereal leaf beetle battle was taken to farms in the New Holland, Lititz and Quarryville areas this year. Although oats is the favorite crop of the destructive larvae, it's also known to infest wheat. Lancaster County has an estimated 3500 acres of oats this year, and 33,000 of wheat.

Lueck says the imported European wasp, which is one of the smallest wasps known, is harmless to everything except the cereal leaf bettle. It's introduced into fields as an egg inside its host - the cereal leaf beetle. The wasps themselves aren't handled anywhere except at insectaries and laboratories. They do not sting.

Lancaster County Agent Arnold Lueck distributes the parasitic wasps as eggs inside their host -- the cereal leaf beetle. The organisms are grown on oats. Each of the plants Lueck has with him contains one of the pests which has been impregnated by the parasitic wasps. Lueck then places each of these specially prepared oat stalks on oats in a field. From there, Nature is left to do the rest.

The wasps attack beetle larvae and lay their own eggs inside the host. When the parasite eggs hatch, the young wasps eat their way out and destroy the cereal leaf beetle in the process.

The cereal leaf beetle feeds on the chlorophyll containing cells of the plant. A tell-tale sign of possible infestation is that the foliage has white areas. The adult cereal leaf beetle is about three-sixteenth of an inch long and its wing covers and head are a metallic bluish black. The legs and front segment of the thorax are reddish. The eggs are less than one-sixteenth of an inch long and yellowish in color when first laid. Later they darken to near black before hatching.

The beetle pest was first discovered in the United States in 1962. Since then it has spread eastward from Michigan. It arrived in Pennsylvania five years later and has now spread throughout the entire state, causing more noticeable damage each year. Until the cereal leaf beetle's parasite, the wasp, was introduced, crop losses were rated as moderately high. The United States Department of Agriculture, in cooperation with state agencies, has been working in various parts of the country to destroy the beetle. (See related story on page 99 of this week's Lancaster Farming.)

The ultimate goal in the project is to have the wasps established in all the areas where the cereal leaf beetle has done some damage. The parasitic insect will then naturally destroy the pest and eliminate a problem for farmers. Some species of parasitic wasps are known to be very aggressive and will travel 20 to 25 miles to find its host beetle. Lueck says it'll take a couple of years for the wasps to become established enough to do their job. In the meantime it may be necessary to spray some of the more infested fields in the area. Consultation from county agents is recommended.

The wasp does its deadly dance at the expens the cereal leaf beetle, a pest which can cut an crop in half.

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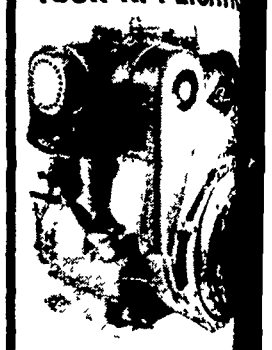

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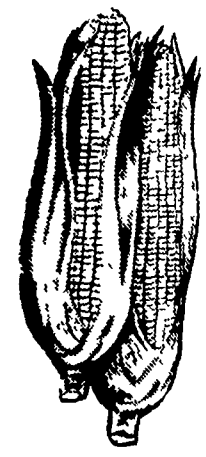

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Old way of life preserved at Kempton Museum

KEMPTON, Pa. - The doors of the Kempton Farm Museum opened to the public recently, extending its seasonal welcome to visitors interested in taking a step back in time not soon to be forgotten.

Located in a picturesque setting just outside the village of Kempton, the antique red barn proudly bearing the colorful Pennsylvania Dutch traditional designs houses more than a collection of antiques. Although it does contain the most complete collection of household and farm items used generations ago by the Pennsylvania Dutch folks in Berks County, it is also a unique storehouse for old ways and area folklore.

Howard Geisinger of Kutztown, owner and curator of the museum, is no mere collector of "things." An informed spokesman for the Pennsylvania Dutch, he is dedicated to preserving the memory of the people and practices of the past. All the pieces in the Kempton Farm Museum are maintained in working order for the purpose of demonstrating the "good old days," and behind every item there is a story.

Geisinger has first-hand knowledge of the history of many items in his museum, and a tour through it is rich in stories from his youth. A dismembered horse tail on display is identical to the one Geisinger himself used as a lad to shoo the flies away from the family's horse being shoed by the village blacksmith. Then there are the cobbler's bench and tools which the Geisinger's used to mend their own shoes, and the marvelous 1902 Sears Roebuck washing machine which Geisinger recalls operating by a back and forth motion of the hand crank.

Geisinger is motivated by an insatiable need to know "how" things were done in past, and he leaves no stone unturned when seeking out information on some unfamiliar ancient practice. In one instance, he finally resorted to advertising in a German newspaper for information on how to get fiber from the antique flax sheath, break, and combs he'd been able to acquire over the years. The ad drew five replies, and Geisinger finally connected with an elderly German woman named Liza who agreed to instruct him in the use of the equipment.

Although Geisinger owns most of the items in his museum, he is sometimes called upon by friends and acquaintances to provide a loving home for antiques they want preserved. It was in that manner that he acquired a collection of butchering equipment containing items dating back approximately 200 years, reported to be one of the most complete and authentic collections of its kind in the world.

Howard Geisinger's zest for learning about the past and safeguarding it for future generations is complemented by his genuine concern for authenticity. In researching lost arts and ancient practices, he consults at least three persons with knowledge of the subject before committing the information to tape. Geisinger's tape recordings are being preserved for eventual donation to the Smithsonian Institute.

The Kempton Farm Museum, which is also the site for the annual Pa. Dutch Farm Festival scheduled this year for September 10 and 11, will be open each weekend from now into October (closing date dependent upon the weather). Special weekday group tours, however, can be arranged by appointment.

The village of Kempton is located in upper Berks County just north of U. S. Route 22 using either the Lenhartsville (Route 143) or the Krumsville (Route 737) exits, and the Kempton Farm Museum is situated within walking distance of the W. K. & S Steam Railroad which offers scenic rides through the magnificent rolling countryside.

PUBLIC SALE

SATURDAY, JUNE 18, 1977

12:30 P.M.

The undersigned will offer the following machinery at their farm on Whitehall Road, Pennsylvania Furnace, Pa. located 4 miles west of State College, Pa. Turn west off Route 26 on Whitehall Road and continue 3 miles. Watch for signs.

JD 4020 D with roll guard, good condition; JD 2510 D; JD 3020 gas; JD 148 loader, like new; JD 5 bot. 16" auto. reset plow; NH 880 harvester, 2 row w/pick-up head; NH 269 baler with thrower; NH 461 haybine; JD 2 row corn planter with insecticide box; JD 15 disc grain drill; JD 12 ft. transport disc; Brillion 12 ft. Stimulcher; Gehl 95 grinder-mixer, new; NI 323 narrow corn picker; (2) JD 115 chuck wagons; (2) hay wagons with racks; feeder wagon; Gravity flow wagon; IH 56 blower, like new; NH 516 manure spreader; Century 200 gal. sprayer; JD 16A flail chopper; JD dirt and snow blade; 36 ft. elevator; corn bag; 16 ft. auger w/motor; 2-wheel trailers; (2) LP5 tanks, 1½ tons each; 3 Surge units with electric agitation and automatic washers; Bender release pumping station; DeLaval milking pump, 3 years old; stainless double tubs; (2) water troughs; (3) cow bed extensions; (2) feed carts; (2) elevated calf stalls; (2) calf hutches; electric heater; approximately 200 ton corn silage; approximately 10 ton hay and straw.

Note: Only a few miscellaneous items. Don't miss the machinery sale.

Terms of the sale: Cash or check.

Owners:

GARY L. & MARGARET D. LONG

Auctioneer: Don Dreibelis

Clerks: H. Albright
H. Klinger

WOODWORKING SHOP

AUCTION

Rear 716 Jordan Avenue, Montoursville, Pa. behind Penn Dot Maintenance Office and in front of Airport Office. Having purchased the building and contents of the woodworking shop, the contents are being offered at auction.

THURSDAY EVENING, JUNE 16, 1977

6:00 P.M. Sharp

MACHINERY

Electric floor sander, upright grindstone (floor model), bench vice, wood lathe w/electric motor, large metal lathe, 8 ft. bed w/new electric motor & line shaft, reading gears, Stanley portable saw wired 220, double bit horizontal boring machine w/motor, 36" band saw w/motor & outlet box, wall drill press, but off saw w/5 hp. motor, Delta Rockwell heavy duty shaper wired single phase, power head shaper w/Dayton ⅓ h.p. motor, 24" planer w/electric motor w/new safety head, completely reconditioned molding machine w/20 h.p. motor (can plane all 4 sides at one time), concrete block machine.

LUMBER

Oak & maple flooring, clear pine lumber, red oak trim casing, lots of trim lumber, approximately 2000 board ft. clear red oak, 13 hemlock planks 16 ft. long, other hardwood plank, wood trim.

NEW, ANTIQUE & MISCELLANEOUS ITEMS

Rumlock sets, door bolt sets, inside lock sets, door closers, roller door rollers, large butt hinges, several large strap hinges, glass door lock protectors, drawer pulls, cupboard turns, evespout hangers, picture frames, wood bench, grab points, antique oak office desk chair, oak kneehole desk, old railroad car jack, oak shingles, porcelain door knobs, oak door threshholds, cant hooks, mowing sythe, brass soldering torch, old lumber stamp, rachet jack, pot belly stove (cracked), large assortment hand tools (hammers, saws, etc.), Stanley saw set, adz, antique tool box, Stanley block planes, white oak work table, old advertising tins, belt lacing tool, belt laces, odds & ends belting, grindstone, nails, bolts, brown jugs, old millwork & shop tool books, including Southern Lumberman dated 1927, copper teakettle, novelty Kitchener cook stove, mud mixing box & hoe, curb forms, pile of roofing slate, old wood barrel, sidewalk forms, large plank top table, storm doors, solid interior doors, flower trellis, scaffolding plank, 15 sheets, tin roofing, 2 wheelbarrows, plus other items not listed.

Terms of Sale: Cash or Good Check w/I.D.

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Owner,
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NOTE: All industrial shop tools are in operating condition.

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Large quantity of heating, air-conditioning, plumbing & roofing items to include: Armstrong, Luxaire, Janitrol, National, Repco, Slant-Fin, Bradford, State, Elkay, Kohler & Speakman Products. Warm air furnaces, hot water boilers, air-conditioning systems, electronic air cleaners, humidifiers, baseboard radiation, bath tubs, hot water heaters, kitchen sinks, bathroom lavatories, vanities, medicine cabinets, faucets, pumps, aluminum siding, spouts & gutters plus contractors tools & equipment.

INSPECTION: From 1 P.M. Day of Sale.

TERMS: Cash or Approved Checks.

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For Sale - TD6 Int. diesel engine. Phone Newville 717-776-7343.

For Sale - NI cut-ditioner, 7 ft., $1275; M-F 11 ft. disc, $675; NI 214 flail spreader w-new flares and web, $1100; JD 485 9 ft. haybine, $775; JD 112 garden tractor w-mower and blade, $875. Robinson Bros., Delta, Pa. Phone 717-456-5215.

For Sale - M-F 3 4 row wide cultivator, good shape. Price $750. Ph: 215-357-0541.

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1 - Model 900 MC Mathews PTO Dryer, 5 yrs. old		$6,900.00
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Farm Equipment

Farm Equipment

There are things to do and places to go during the Harvestore North American Swine Seminar!

North American Swine Seminar
Stouffer's Riverfront Towers
St. Louis, Missouri
July 21-23, 1977

Thursday, July 21

Noon Registration
2:30 P.M. Sessions begin
4:30 P.M. Sessions conclude
5:30 P.M. Depart for city tour, buffet dinner and "Meet Me In St. Louis" stage production

Friday, July 22

7:00 A.M. Breakfast
8:30 A.M. Sessions begin
Noon Scrumptious pork lunch, "Lucky Lindy" Production
Afternoon Open
Evening Cardinal's vs. Astros baseball or riverboat cruise on the "Admiral"

Saturday, July 23

7:00 A.M. Breakfast
9:00 A.M. Sessions begin
11:00 A.M. Sessions conclude

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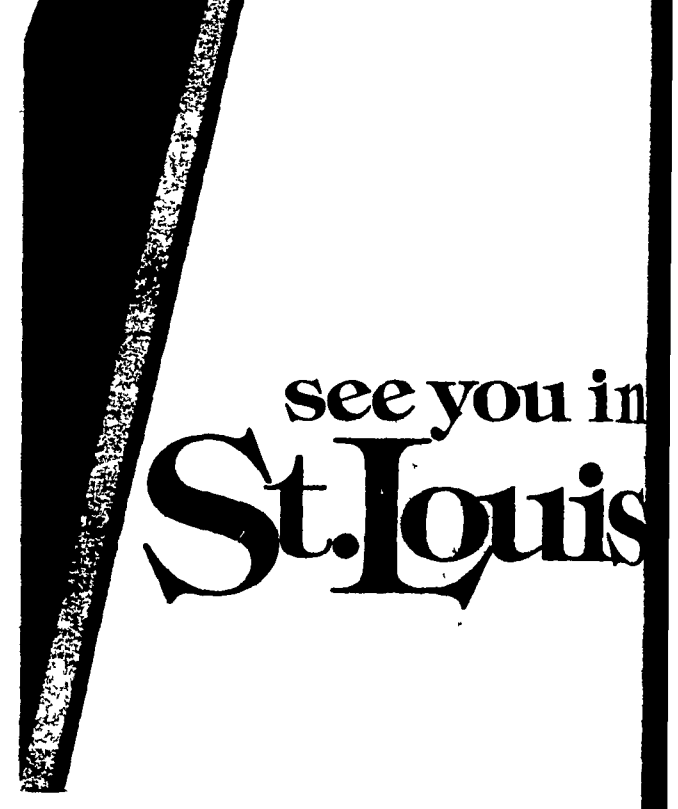
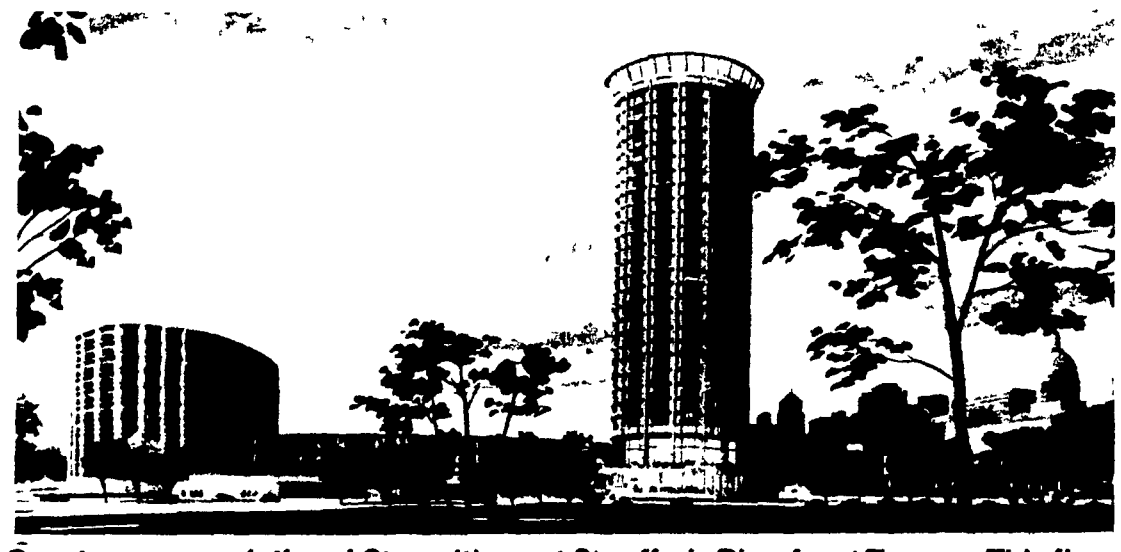


see you in St. Louis

Great ideas! Seminar topics include high-moisture corn for young pigs, swine health, manure management, haylage for sows and finishing rations. You won't want to miss any of these timely and important topics.



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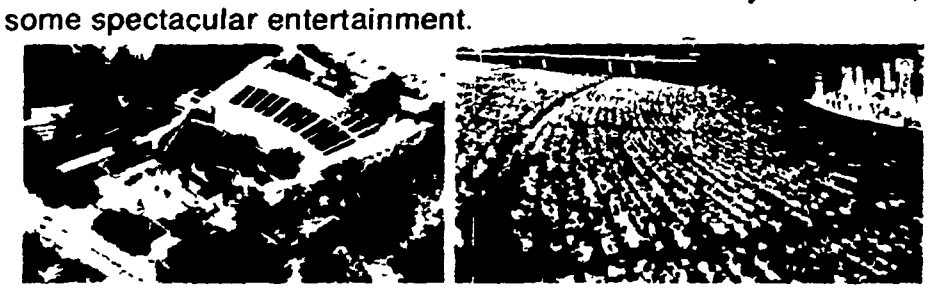
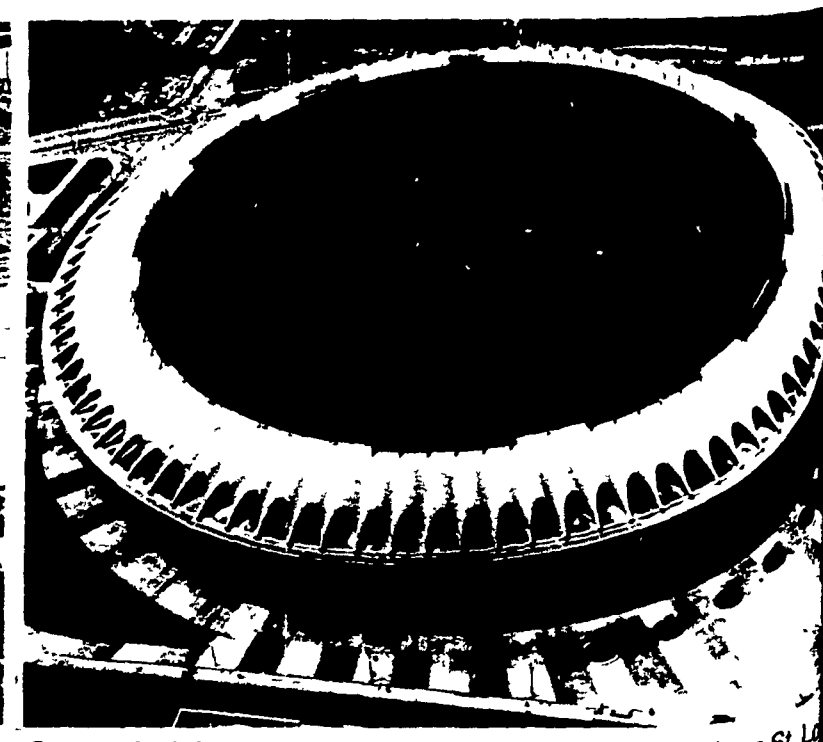
Great baseball/river cruise! Enjoy the St. Louis Cardinal's vs. the Houston Astros game or take a riverboat cruise on the Admiral. Whichever you choose, you're in for some spectacular entertainment.



Great theatre! Hear "Meet Me In St. Louis" at the Muny Theatre. The endearing story is told through a sensational score including "The Trolley Song", "The Boy Next Door", "Skip To My Lou", "Have Yourself A Merry Christmas" and "Meet Me In St. Louis".



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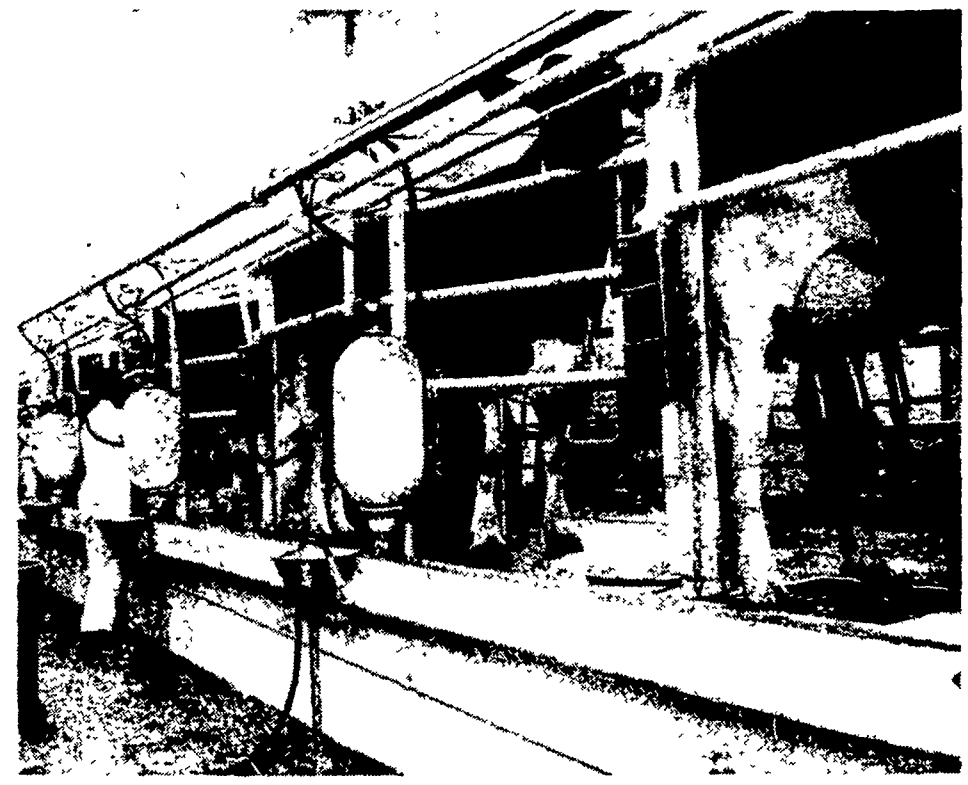

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Horn braker retains dying art

By SUSAN KAUFFMAN
Feature Writer

Once a very common part of household furnishings, combs made from cattle horns are a rarity today. The procedure used to make these cosmetic tools was known as horn braking and was an operation where cattle horns were split, cut, planed, and recut to make the hair utensils. Today, horn braking is a dying art, and G. Atlee Crouse is probably the last surviving craftsman of this trade left in America. Lancaster Farming met with Crouse during craft days at Steppingstone Museum, Harford Co., Md., where a news article on his portable horn braking shop credited the present owner's father with being the head of the only household which still continues the trade.

G. Atlee Crouse, the present horn braker, represents a number of generations of Crouses who carried on this trade. According to Atlee Crouse, his great, great, great grandfather, Charles Michael Crouse, immigrated from Worm, Germany, and fashioned the combs from the cattle horns taken from animals slaughtered for food to feed the soldiers stationed at Valley Forge during the Revolutionary War.

The original deed to the permanent Crouse horn braking shop is dated 1812. Atlee Crouse explained that his great grandfather bought 12 acres of land and built a stone shop in 1824. Since that time, the trade has been handed down from generation to generation in that shop at Reinholds, Pa. until it burned February 19, 1954. From 1954 to 1974, G. Atlee Crouse worked as a machinist at a local firm and only recently upon retirement has taken up the trade again. His first public exhibition of the trade occurrred at Steppingstone Museum Arts and Crafts Days in 1974.

Since the craft requires a number of heavy machines, G. Atlee Crouse has fashioned a portable shop from a travel trailer complete with all the machines necessary, a large educational display of the history of horn braking, a number of novelty items and a supply of materials in

Atlee Crouse tells observers about the care of combs made from cattle horns.

various stages of production whereby he can make the nearly extinct horn combs before the observer's eyes.

According to this horn braker, cattle horns were important in the past for many uses. Besides the powder horns and drinking cups, they were used as whetstone holders, shoe horns, spoons, salters, buckles, buttons, eyeglass frames, and for making lanterns. Crouse relates that the name lantern comes from "lant" and "horn." Cattle horns were split very thin to form a glass-like thin material to enclose the flame.

G. Atlee Crouse explained that his father, George Washington Crouse, the last full-time horn braker in America, made only combs and some buttons, and had little regard for novelty items such as the jewelry G. Atlee also markets now. Hospitals demanded many combs from the Crouse family in the past because they could withstand high heat during sterilization.

According to the youngest Crouse, the correct type of horn is impossible to get now and he is presently using horns from water buffalo from South America which are 30 or 40 years old. It takes a special kind of horn to make a good comb. Most horns used in the trade were Texas Longhorn or Water Buffalo. They had to be thick at the base where they were attached to the cattles' heads. Regular dairy cattle or beef cattle horns today are not thick enough.

The horns must be aged and allowed to dry. Then they are cut spirally by a saw starting at the tip and working toward the base so that the grain is parallel to the teeth on the finished comb. Because the horns become brittle with age, Crouse has to soak the horns for several days to soften them for cutting. Just before cutting the spiral li... Crouse soaks the horn in hot oil at a temperature of ... degrees F. He uses beef tallow. After soaking in the hot ... for a minute or two to heat, he dips it into cold water o... long enough to be able to hold the horn in his hand

He then cuts the horn on a motorized saw and press... the resulting piece flat through rollers. In this operati... Crouse uses a leather-splitter which he has adapted to t... trade. During this operation, the horn is cut with ... resulting uniform thickness. On a second machine, Crou... cuts a piece of horn out of the split horn to form the she... of the finished comb.

Actually, the piece of horn is cut the width of t... finished comb but with a depth of two completed com... since two coms are cut at once when the teeth are made ... the material.

After the piece is cut and planed to the right thickness, ... must be pressed flat and allowed to dry and harden on... again before the teeth can be cut out. Crouse uses a pr... which is positioned on the wall of the portable exhibit

The "slabs," as the pieces of horn are called in prop... trade terms, are allowed to season for a year to harde... sufficiently for the teeth-cutting operation.

The seasoned slab is then put through a machine whi... cuts the teeth. In a characteristically, non-chala... manner, G. Atlee Crouse explained that the teeth-cutti... machine he was using is the only one of its kind left ... America (the teeth-cutting machine was never used ... foreign countries). He explained, "This is the very lat... model of this type of machine. It was made in 1878!"

After the teeth are cut out, the hand processes ... smoothing and polishing begin. The teeth and outer edg... are sanded smooth and rounded and then polished duri... three separate phases, the last being with a polishi... cloth-wheel. Crouse sells his unique wares for two to fi... dollars. A comb will last 100 years, he says, if the ... takes even minimal care of it to insure that it does not ... out. Natural hair oils will protect it, he explained.

This teeth cutting machine is the newest model of its type ever made. It was nearly lost to a fire at Reinholds, Pa., in 1954, and, as it stands, is the only one of its kind in the country.

Atlee Crouse, h... braker, places a piec... seasoned slab into ... teeth-cutting machine. ... his right and back on ... wall are many exhibits ... the horn braking tr... These displays incl... powder horns, whetst... holders, and buckles.

HOMESTEAD NOTES

Steppingstone Museum is glimpse into past

By SUSAN KAUFFMAN
Feature Writer

With the recent revival of interest in the artistry and craftmanship of the past century, many arts and crafts days flourish this season of the year. One recent event held at the Steppingstone Museum in Harford County, Md., is typical of the many open house or festival celebrations offering the public a glimpse into the past.

Steppingstone Museum,, a five-building museum arranged as a turn-of-the-century rural home and surrounding craftsmen's shops, held its seventh annual "Old Time Arts and Crafts Festival" recently. The museum, a non-profit organization staffed by volunteers. is dedicated to the historic preservation of the country's past. It is located on a picturesque hillside at the corner of Route 136 and Macton Road, three miles north of Route 1 in Harford County, Md., mid-way between Dublin and Whiteford.

Fifty artists and craftsmen were on hand to delight museum visitors as the artisens demonstrated their eighteenth and nineteenth century crafts. There were demonstrations of spinning and weaving, rug hooking, broom and shingle making, chair caning, basket weaving, various kinds of needlework, quilting and artists painting on all types of media. Also included among the displays of working artists were doll house making and doll repair, dye stuffs, herb crafts, making of hammered dulcemers, pine cone artistry, potters, spinning wheel makers, slate and ivory scrimshaw (Italic writing on ivory and slate), soap making and tin punching.

Members of the museum association guided visitors through the five buildings which contain over 14,000 artifacts that comprise an outstanding collection of craftsmen's tools, home furnishings, and find handwork, as well as farm implements of the past century.

Included at the museum site are individual shops housed in red frame out-buildings. The architect's shop is complete with a display of color drawings which show the details for an 1800's cottage. Many of the items in the architect's shop and carpentry shop are from the original collection of the late J. Edmund Bull, founder of the museum.

The shops of the carpenter, joiner and wood-turner, tinsmith, copper, leathermaker, slatemaker, pumpmaker and others have excellent displays of the tools used in these crafts. The blacksmith's forge was ablaze on Festival Days when the "smithies" created old-time house-hold items for display and sale.

The house and the shops offer detailed displays of tools and artifacts which provide much to study and compare. But the working artisans scattered throughout the grounds captured much of the attention of the young and the casual observers.

A popular display was the horn braking operation where cattle horns were split, cut, planed, and recut to make hair or horn combs. An article featuring this craft in depth is printed above.

On being a farm wife

—*And other hazards*

By JOYCE BUPP

e always suspected that e was somethin' fishy t this place. If you'd n within three feet of recently, you'd have ediately know what it Me.

ring some recent odeling of our pond, we ted several thousand stocked, stunted-growth gills. Also found lurking e depths of the murky r were three monstrous e-mouth pond bass measuring up to 20 inches long.

Some mention was made of eating them. Now, much as I really enjoy a well-prepared seafood dinner, somehow those big old patriarchs of the ole' swimming hole just didn't strike me as a very appetizing entree. I voted no. The fish would get a short vacation in a dammed portion of the creek.

We checked them daily, marveling at their length and depth of body. But at the same time, we were also concerned about their ability to adapt to the change in environment, at their obviously advanced age.

Then, one evening Patty visited the creek to check the fishy trio.

"Mom, one of the fish is lying on its back!" called our daughter. Sure enough, the largest bass had rolled into the belly-up position and appeared to be gasping for air. Leroy was in the fields at the other farm; Patty and I decided to try moving the bass to Grandpa's pond a few miles away. We couldn't just watch them die.

For our rescue efforts, we chose one of the five-gallon plastic buckets normally used to store soured milk for the calves. After quickly filling it with creek water, I reached in the stream and made a grab at the critical fish.

Now, have you ever tried to catch a slippery, scaly fish with your bare hands while at the same time trying not to fall in? The first one didn't put up much of a fight; neither did the second one, which was also pretty sluggish. But the third one fled, splashing us with muddied water. When the stream finally cleared again, we scooped it up and dumped it into the waiting bucket.

Number three promptly nosedived out, back onto the wet grass, and literally slithered back into the water. After another wet-footed, mudsplashed chase, we captured it again, hurriedly dragging the catch up through the pasture to the barn. The fish were distributed, one per each large bucket, covered with lids, and hurried to their new home.

At the edge of the still, cold waters we released the captives. The fighter promptly swam away, but Number One and Two rolled belly-up again and barely moved their gills. We later found that all three had appeared floating on the water surface.

Please don't offer me a fish sandwich for awhile.

Women's Calendar

Saturday, June 11

Lancaster County Society 19 meeting at 1:30 p.m. Hostess is Marion Weaver. The group will tour Donegal Mills Plantation.

Lancaster County Society 2 meeting at 1:30 p.m. Hostess is Beaulah Graybill.

Sunday, June 12

Lancaster County Society 18 meeting at 1:30 p.m. Hostess is Phyllis Wissler. The group will tour Founder's Hall, Hershey.

Tuesday, June 14

Lancaster County Society 22 meeting at 10 a.m.

Dauphin County Society 1 meeting at the home of Dolly Pickel at 6:30 p.m.

York County Society 26 meeting at 12:30 p.m. Hostess is Ethel Conley.

York County Society 29 meeting at 1 p.m. Hostess is Diane Kilgore. Program is creative gift wrapping.

Wednesday, June 15

Lancaster County Society 12 meeting at 1 p.m. to tour Donegal Mills Plantation.

Thursday, June 16

Lebanon County Society 8 meeting.

Saturday, June 18

Lancaster County Society 3 meeting at 2 p.m. to tour Oberholtzer's Greenhouse. Hostess is Mrs. Noah Wenger.

Lancaster County Society 8 meeting at the Lutheran Church in Maytown at 2 p.m. Program is 4-H ambassador to Europe, Christine Erb.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

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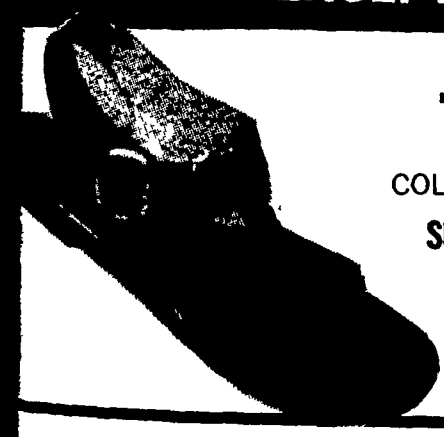

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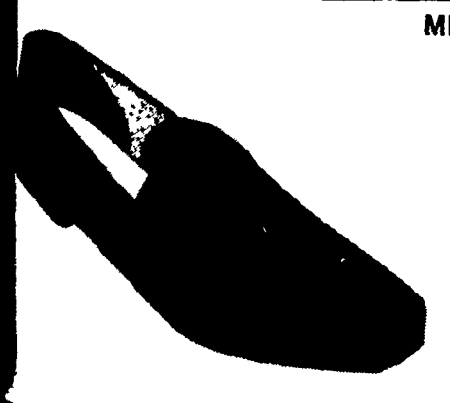

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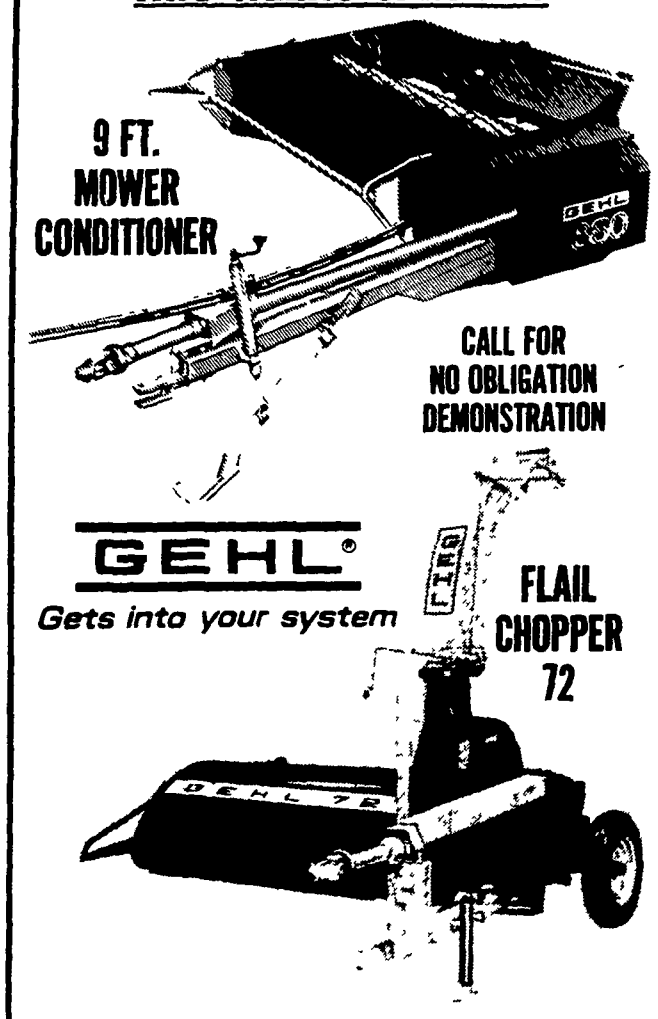

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Farm Women Societies

Berks Co. Society 3

Sharon Hartline, a junior at Boyertown High School, presented a porgram on her trip to France with Boyertown students in the Fall, at the June meeting of Berks County Farm Women Society 3. The meeting was held in the home of Mrs. Grace Brintzenhoff, Boyertown R3.

Miss Hartline showed slides and souvenirs from Paris and the surrounding country.

Mrs. Ernest Hartline, president, conducted the business meeting. She reminded the group members of the 25th anniversary of Group 2 on June 8 and of the open house at Berks Heim on June 12. The June 28 meeting will be a field trip. The time and place will be announced.

Lancaster Co. Society 1

Mrs. Willard Buckwalter, Quarryville, presented the featured entertainment for the June meeting of Lancaster County Farm Women Society 1 when that group met at the home of Mrs. Willis Bucher, Lititz. Twenty-six members and two guests were present to hear the program by Mrs. Buckwalter, who spoke on Herbcraft.

During the business session, it was made public that the group donated $15 to the Gate House, Lititz, as well as $20 to the 4-H Youth Exchange Student, Nancy Henkel, Strasburg. Miss Henkel will travel to Belgium this Summer.

Ruth Minor, a student from Kenya, Africa, studying at the Lancaster Bible College entertained with several solos. Miss Minor will return to her home for the Summer, after graduation from Lancaster Bible College, to go back to Africa as a missionary.

The next meeting of the group will be a family picnic on June 25 at the Stoltzfus Bridge Farm, Mt Joy, R

Lancaster Co. Society 6

Lancaster County Farm Women Society 6 met on June 4 in the Elizabethtown Church of God Fellowship hall with 21 members present. Also present were 14 members of Lancaster County Society 25 as well as three county officers and four guests.

After a short business session, the group was entertained by Mr and Mrs Henry Hackman, who gave a slide presentation on "The Open Door" which consisted of pictures, poetry, narrated by Mrs Hackman.

Lancaster Co. Society 26

Twenty-two members of Lancaster County Farm Women Society 26 met on May 26 to entertain Lancaster County Society 14 at the Bird-In-Hand Restaurant.

Former Miss Lancaster County, Gloria Longenecker, was in charge of the program for the evening. She performed six songs and accompanied by Mrs Sylvia Weaver on the piano

The meeting was concluded by the distribution of door prizes.

The next get-together of Society 26 will be held at the home of Mrs Richard Kreider, Manheim, on June 23.

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My Thoughts

And welcome to them

By JOANNE SPAHR
Associate Editor

My thoughts today are on vacations. By the time u read this column I will be in the "land of 10,000 es" learning all about growing sunflowers and at it's like to recuperate from a severe drought. The last time I visited Minnesota, it was the nter of 1976, and I walked to school through ow banks in minus 20 degree weather. (Believe , I beat all my father's "I used to walk to school " stories when I came home with that one). d, while Minnesota is famed for its 10,000 lakes, ever even saw one of them because they were all ered up with snow.

But, I did grow used to the sights of the flat, uared-off sections of land, and the symmetrically signed towns built around the grain elevators - the lifeblood of the community. And, I became endeared to the relaxed slow pace of Minnesota Winter living which includes ice fishing, card playing, and neighbor visiting.

So, now, in the Summer of 1977, I'm going back to see if the state has changed any during the time I was gone, and if the farming pace steps up any during the Summer..

And, I'll also be going back laden with farm papers and pictures, ready to swap info on farming in Pennsylvania with Midwesterners who have never seen tobacco growing nor experienced our Pennsylvania Dutch culture. Should be fun.

I'm hoping that all of you allow yourselves some kind of vacation during the coming year, because I believe that rest from the pace in our busy society is a necessity - one that we often don't think we have time for- - but one that we must take the time for to heal and sooth tired spirits.

Unlike in my grandfather's time, when vacations were considered luxuries for the wealthy or a shameful non-productive waste for a busy farmer, today's society looks at vacations as needed recreation that is well-deserved.

Vacations help people get " a new lease on life" and help to knit loosened threads of family relationships. And, they allow for a widening of individual perspective as the small world of Pennsylvania agriculture opens up to enormous world of national agriculture.

Besides, they're fun, and that, alone, is a good reason to take one.

Ida's Notebook

Ida Risser

For decades, I've been interested in genealogy and not just since the recent concern in finding your "roots." I can study books and papers for hours in the hope of finding some new scrap of evidence that links one family with another. Although I'm sure it is boring to some people, to others it is intriguing like a good chess game.

However, I have been brought up short on a few occasions when I mentioned tracing the Landis family to the ancestor, Jacob, who was born in Zurich, Switzerland and came to America in 1717 or when I told of Hans Adam Shreiner coming to America on the ship "Winter Galley" in 1729. After listening for a bit, my son-in-law informed me that one of his ancestors came over on the Maylfower in 1620 and he wasn't kidding either. And then, there was the time when I was told that my friend's ancestors were here waiting to greet mine. You see, her ancestry could be traced to the Seneca Indians. That should teach me to speak more softly.

xxx

It is a job to decide what is the most important thing to do at any given moment.

As I write this, I'm thinking of that pile of dirty overalls, those strawberries and sugar peas to be picked and the letter I'd like to write to my daughter. Her husband's job will cause her to move to Portland, Oregon, within the next few weeks. I certainly don't envy her the job of closing one house and buying another. I suppose it is the price that the young folks are willing to pay in order to move up the business ladder of success. Me - I'm satisfied where I am.

Menu planning workshop topic

WEST CHESTER, Pa. - The Chester County Cooperative Extension Service of the Penn State University in cooperation with the Parkesburg Public Library, will begin its monthly mini workshops with the topic "Low Cost Protein and Menu Planning."

The meeting will be held at the Parkesburg Library Meeting Room on June 21, 1977 from 1 -2 p.m.

Dorothy Daily, nutrition aide supervisor, will feature in her presentation ideas for creative meal-planning and ways to cut the protein cost in the food dollar. Educational pamphlets and recipes will be available to those in attendance.

No registration required, all are welcome to come.

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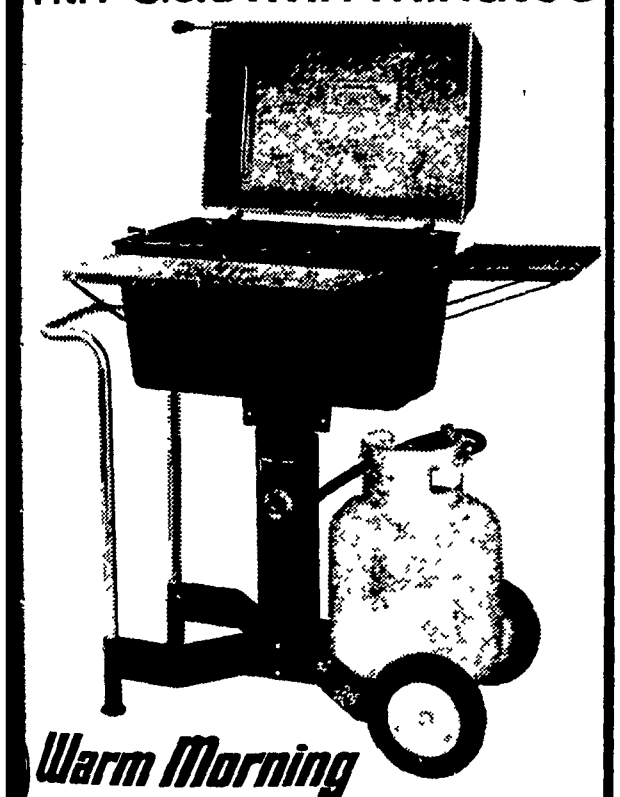

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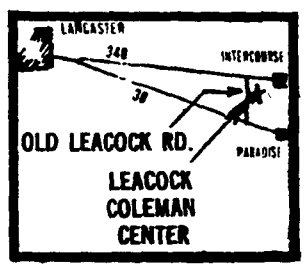

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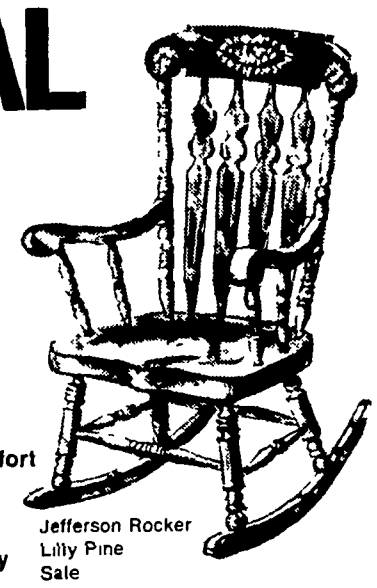

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News - Nutrition

From Pa.'s Dairy Princesses

Yogurt lends elegance to many foods

By ANGIE SMITH
Blair Co.
Dairy Princess

On the evening of June 24, 1976, the night of the Blair County Dairy Princess Pageant, held at the Sheraton Motor Inn, Altoona, I began my reign as the 1976 Blair

Angie Dawn Smith
Blair County
Dairy Princess

County Dairy Princess. Since that time, I have been exposed to many milk consumers, and I have begun to spread the milk story. I find that my knowledge of dairy products is ever increasing - I had never realized my family's cows produced such an important commodity!

One of the dairy products which captured my interest, as well as my great love, is yogurt. Cultured yogurt has been a misunderstood product. As an ingredient, yogurt lends an elegant flavor to anything. Mixed with fruit, it becomes a colorful, sweet fluff of a dessert. On its own, it's tart, but smooth and creamy with a unique taste. Yogurt blends with fruit, vegetables, meats and even seafood.

And, yogurt is good for you. In fact, it has been called the "almost perfect food" because it contains all the good things in milk. It is very easily digested and assists the digestive tract in assimilating other foods more easily.

It is an excellent source of protein, calcium, and riboflavin. One cup of whole-milk yogurt contains seven grams of protein. The calcium helps maintain bones and teeth. The riboflavin aids the nervous system in functioning, and is essential for growth and good health. Yogurt's special cultures help the body absorb vitamins from other sources too.

Some helpful hints for cooking with yogurt are:

- Spare the heat. Low temperatures and short heating times are best.
- To prevent separation, stabilize yogurt by adding a small amount of flour or cornstarch.
- Fold - do not sitr - yogurt into other ingredients, and it will keep its consistency.
- For baking, use only ½ teaspoon of baking soda for each cup of yogurt used.

Some hints for serving yogurt are:

- As a granish for hot curried meats - yogurt provides a pleasant, cool texture contrast. As a natural blender for spices, yogurt makes a good marinade. It is the special secret for delicious sauces, gravies, and stuffings.
- Yogurt fills in for buttermilk in biscuits and pancakes when thinned with a little water.
- In making gelatin salad, one cup yogurt may replace one cup water. The change in taste, texture and color is delightful.
- You can substitute yogurt for sour cream in most recipes.

STRAWBERRY FROZEN YOGURT

3 envelopes unflavored gelatin
½ cup water
2 cartons (8 oz. each) plain yogurt (2 cups if homemade)
1 package (16 oz.) frozen strawberries or one pint fresh strawberries
½ cup sugar
½ cup instant nonfat dry milk
5 ice cubes

In small saucepan, heat until gelatin dissolves. In blender, blend yogurt, strawberries, sugar, and dry milk. Slowly add gelatin mixture until well mixed. Add ice cubes, one at a time; blend until thick and smooth. Pour into bowl; freeze until icy. Beat with mixer. Serve in ice cream cones or bowls. Makes about eight servings.

FRUIT COCKTAIL YOGURT PARFAIT

In parfait glass, put layer of desired yogurt, layer of fruit cocktail. Alternate layers until glass is full. If deisred, top with whipped cream and a cherry.

ORANGE CHIFFON PIE

Crumb Crust:
1 1-3 cup vanilla wafer crumbs
¼ cup (½ stick) butter, melted
Filling:
2 tablespoons (2 envelopes) unflavored gelatin
½ cup sugar
1 cup water
2 cups plain yogurt
1 can (6 oz.) frozen concentrated orange juice, thawed
2 egg whites
2 tablespoons sugar
Toasted coconut

Combine crumbs and butter. Press mixture firmly and evenly against bottom and sides of pie plate. Chill.

In a one-quart saucepan, combine gelatin and ½ cup sugar; add water. Heat over low heat, stirring occasionally, until gelatin dissolves. In a bowl, add orange juice to yogurt; stir in gelatin mixture. Chill until partially set. Beat egg whites until frothy; add sugar and beat until stiff. Fold into orange mixture. Chill until mixture mounds; turn into crust. Chill until firm. Garnish with toasted coconut.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

Needlework competition scheduled

LANCASTER, Pa.-- Members and non-members of the National Grange may enter the 1977 National Grange needlework contest. The contest is the largest of its kind in the country. and involves thousands of men and women who have a talent for crocheting, knitting, and embroidery. The contest is so-sponsored by Coats and Clark, Inc.

Prizes will be awarded on the local, state, and national levels. Grand prize winners on the national level in crocheting and knitting will receive $1000. In the embroidery division, grand prize winners receive $500.

Items entered in contest must have been made during the period between September 1, [illegible] and August 31, 1977

In Lancaster County additional information and entry blanks can be obtained from Mrs. William Rhoades, Quarryville R2, 215-786-[illegible] or by contacting Mrs Sylvia May at 786-3925.

All entries should be sent to Mrs. Rhoades by August 15.

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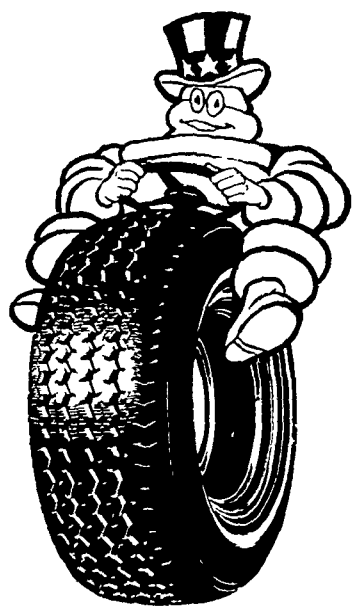

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Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

TIPS ON MAKING YOGURT AT HOME

Making your own yogurt is a any do-it yourself ject - the results are not ays good. The ingredients alone cost less than commercial yogurt, but don't consider your time or the equipment you may have to buy. If you do, there won't be a saving.

You can use pasteurized milk directly or heat treat your own. If using raw milk, heat to 180 degrees Fahrenheit for 15 minutes. Use a double boiler or jars in a canner. Do not heat to boiling. Cool the milk to 100 to 115 degrees.

Use either an eight-ounce container or commercial culture to innoculate a quart or buy a starter from a dairy supply outlet. Use two to three tablespoons of starter per quart of milk. Mix well and keep warm.

Temperatures are critical to get proper bacterial growth in six to ten hours. Put jars in warm water and place on low heat or on a stove pilot light. Enclosed boxes with a heat source such as a light bulb are also used. These units can be bought from suppliers of dairy equipment along with the bacterial cultures.

When thickened, cool the yogurt to 40 degrees, preferably in ice water. It should keep for up to a week if your refrigerator is at 40 degrees or below.

If you want to fortify the yogurt with extra protein and solids add one-half cup nonfat milk powder to each quart. Water and nonfat milk can be used in place of whole fluid milk. Mix according to directions.

Add whatever fruits, flavorings and sweeteners you wish. Let your preference and imagination be your guide.

Don't expect to make the best yogurt the first time, or even every time. It is both a science and an art. Strict sanitation, active bacteria cultures, and carefully controlled temperatures are essential.

ABOUT CONDENSED MILK

One of the earliest convenience foods that is still in use today is evaporated milk. This milk is made with fresh, fluid whole milk. The whole milk is first pasteurized. Then, through a vacuum process, over half of the water content is removed. This concentrated milk is next homogenized, and vitamin D is added. Finally the milk is sealed in cans and sterilized by heat.

You can use evaporated milk undiluted, partially diluted, or reconstituted. Basically, this form of milk is whole milk of double strength. If you add one part water to one part evaporated milk, you essentially have whole milk again. You can use a combination of dry milk and reconstituted evaporated milk in place of fluid whole milk, to save money on the milk bill. And the milk will taste similar to fluid whole milk. Used full strength, evaporated milk lends extra body and creaminess to sauces and desserts.

You'll also see sweetened condensed milk at your store. This is condensed milk that has had sugar added before the evaporation process. The end product is yellowish in color and thicker and sweeter than evaporated milk. It has a caramel-like flavor and is used mainly in making candy or other rich desserts. Its 40 per cent sugar content acts as a preservative and stored under like conditions, this product has a longer shelf life than evaporated milk.

Store unopened cans of evaporated or sweetened condensed milk in a cool place, preferably not above 70 degrees nor below freezing. Before opening the can, clean the top with a damp cloth. Once opened, store in the original container and keep the top covered. Use within four or five days.

Class I milk price $11.40 for July

ALEXANDRIA, Va. - Middle Atlantic Order Market Administrator Joseph D. Shine recently announced a Class I milk price of $11.40 per hundredweight for July 1977. Shine said that the price is up two cents from June and is 18 cents higher than the July 1976 fluid milk price. Order No. 4 prices are announced for milk testing 3.5 per cent butterfat, f.o.b. plants located within 55 miles of Philadelphia, Pa., and also within 75 miles from the nearer of Washington, D. C. or Baltimore, Md. There is also a six-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Shine also announced a Class II milk price of $8.52 per hundredweight for May 1977 and a butterfat differential of 11.6 cents.

These class prices are based on the May 1977 Minnesota - Wisconsin manufacturing milk price of $8.62 per hundredweight adjusted to a 3.5 per cent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for May was $1.0071 per pound and the nonfat dry milk price was $.6766 per pound f.o.b. plants in the Chicago area.

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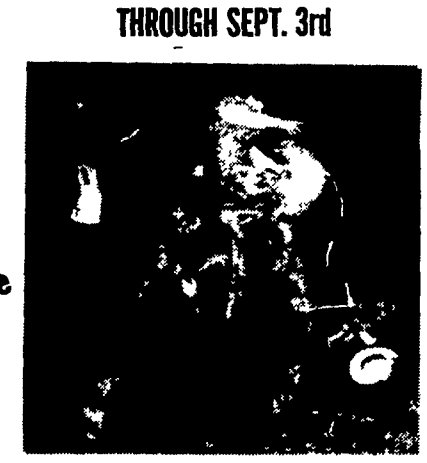

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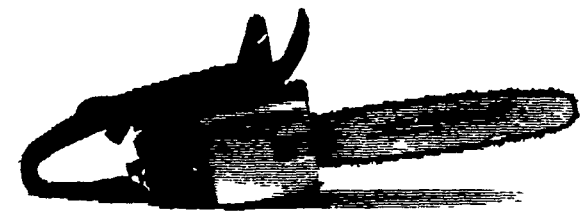

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News - Nutrition

From Pa.'s Dairy Princesses

Entice your teenagers with milk combinations

By WENDY GRAVES
Columbia
Luzerne Dairy Princess

In my experience as Columbia - Luzerne County Dairy Princess, I have found that the age group which needs to be reached the most by milk promotion is the teen-age group.

Wendy Graves
Columbia-Luzerne Co.'s
Dairy Princess

I would like to share some of my favorite ideas for teenagers to enjoy milk. Right now, during baseball season I'm sure the children come back to the house after the game for a get-together. The next time they reach for soda, chips and candy, give them the makings for a fondue. If the gang has a sweet tooth, let them make "Chocolate Ice Cream Fondue." If they like cheese let them make "Creamy Cheese fondue."

Another of my favorites is to set up a milk bar and mix your own drinks. Set out icy pitchers of milk; mixers such as chocolate, strawberry, banana, and vanilla; and glasses. To add a little extra, use shaved chocolate, ice cream, nutmeg or crushed peppermint candy as a topper for these drinks.

Maybe you have a teen who just loves to have parties, but has exhausted the occasions to have one. Don't despair - make your own occasion. It could be a cheese tasting party where you set out cheese boards with several kinds of cheeses and crackers; or it could be an ice cream social where you supply the milk. Have everyone bring his favorite flavoring and spend the evening tasting cheese or making ice cream.

Whatever your favorite, there is no end to the possibilities when you use milk or its products.

Following are the recipes for the fondues mentioned above:

CHOCOLATE
ICE CREAM FONDUE

6 squares semi-sweet chocolate
1 cup vanilla ice cream, softened
¾ cup sugar
½ cup butter
1 teaspoon vanilla extract
1 to 2 tablespoons creme de menthe (optional)

Melt chocolate over low heat in heavy 1-½-quart sauce pan. Add ice cream, sugar, and butter. Cook, stirring constantly until mixture is thickened. Stir in vanilla and creme de menthe, if desired. Transfer to fondue pot over low heat. Suggested dippers: cubes of angel food or pound cake; apples, pears, bananas. Yields two cups.

CREAMY CHEESE FONDUE

2 cups shredded Cheddar or Swiss cheese
2 tablespoons all-purpose flour
¼ teaspoon paprika
1 can condensed cream of celery soup
½ cup water

Toss together cheese, flour and paprika. Combine soup, and water in a two-quart saucepan; heat. Add cheese, ½ cup at a time, over medium heat, stirring until cheese is melted after each addition. Transfer to fondue pot. Serve with French bread cubes, vegetable, or fruit pieces or canned cocktail frankfurters. Yields two cups.

Keep ice cream fresh when stored in freezer

By CINDY RUTTER
York Co. Dairy Princess

This is the time of year for ice cream, and your freezer is the place for storing it, probably in larger quantities than at other times of the year. Can you keep it fresh so it isn't icy when stored?

The answer is, "yes." And the remedy is quite simple. If you take some out of the carton, be sure to press so pliable, plastic wrap on the surface of the ice cream th been scooped or spooned out. If you don't, that air a which is left will fill with ice and frost, and make the cream at the top less than creamy - in other wo somewhat unpalatable.

Cindy Rutter
York County
Dairy Princess

What if you buy ice cream in quantity? After all, s containers are of the one-gallon size. Overwrap, freezer wrap, in that case. Use full speed to get h once the ice cream has been run through the chec counter. On a hot day, carry an insulated bag or che which to place the dairy product. If ice cream thaws a refrozen, it may develop ice crystal, a coarse texture, may even shrink within the carton or plastic conta

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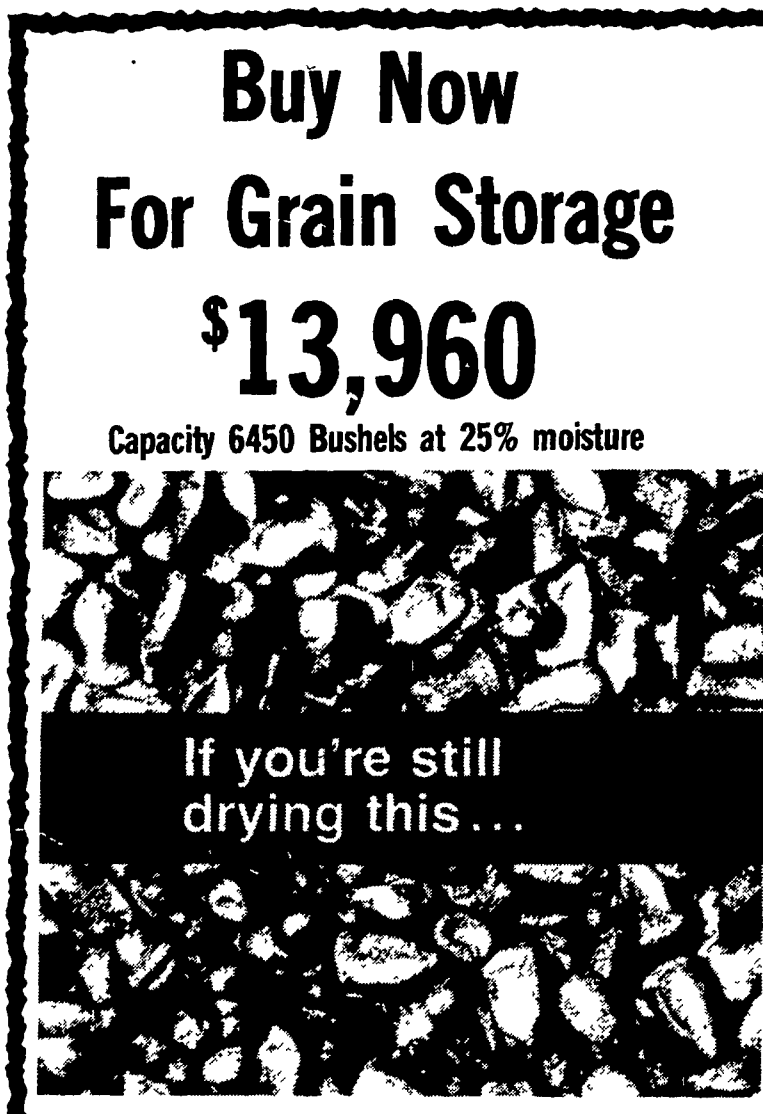

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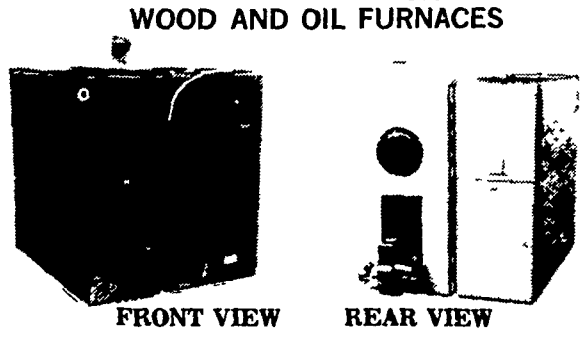

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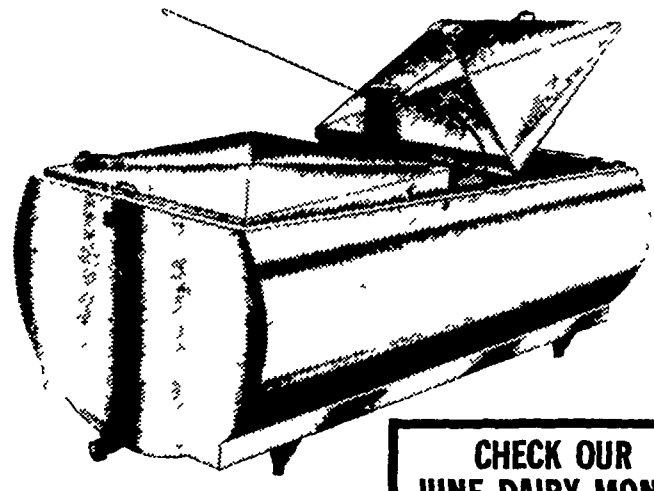

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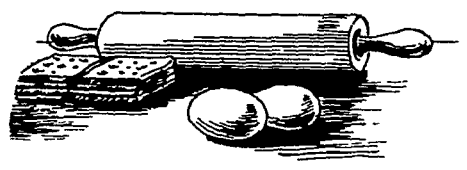
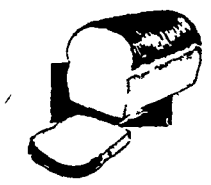
Home on The Range





Since June is dairy month, and since we had such generous contributors to our column last week, "Home on the Range" will again be featuring dairy recipes for everyone's enjoyment. It's going to take time to box and send out our special gifts to the ladies who took part, so if you can bear with us, we will get your gifts to you within the coming month.

DAD'S SPECIAL

1 pound ground beef
½ cup chopped onion
1 can cream of mushroom soup
½ cup milk
½ teaspoon salt
¼ teaspoon pepper
¼ teaspoon pepper
¼ teaspoon thyme
4 ounces (2 cups) noodles, cooked
2 cups (8 ounces) shredded sharp cheese

Brown meat. Add onion - cook until tender. Stir in soup, milk and seasonings. Layer half of noodles and meat sauce and cheese in 1-½ quart casserole.. Repeat layers with remaining cheese. Return to oven until cheese melts, six to eight servings.

Harriet Greenawalt
Lancaster, Pa

xxx

CORN PUDDING

4 fresh ears of corn
3 egg yolks
2 tablespoons sugar
2 tablespoons butter, melted
2 cups milk
3 stiffly beaten egg whites
1 teaspoon salt

With sharp knife, make cuts through center of corn kernels. Measure 1¾ cups corn. Beat egg yolks until thick and lemon-colored. Stir in corn, sugar, butter, and salt. Slowly beat in milk. Fold in egg whites. Bake in 8 x 8 x 2 inch baking dish at 350 degrees F. until knife inserted off-center comes out clean, 45 to 50 minutes. Serves six to eight.

Mrs. Linda Stafford
Bear, Delaware

xxx

SOUR CREAM WAFFLES

¼ cup butter
1 cup sifted flour
2 pounds sugar
1 teaspoon baking soda
1 teaspoon cardamon
½ teaspoon salt
2 egg yolks
1 cup sour cream
1 cup buttermilk
2 egg whites

Heat waffle iron while preparing waffle batter. Melt butter and set aside to cool. Sift dry ingredients in large bowl, set aside. Beat egg yolks until thick and lemon colored. Add melted butter gradually and then sour cream and buttermilk. Continue to beat until well blended. Add liquid mixture all at once to dry ingredients; mix until smooth. Beat egg whites until peaks form. Fold in gently. Bake in waffle iron until done.

Lilla Post
Narvon, Pa.

xxx

SPECIAL PUDDING

8 beaten egg yolks
2 cups sugar
4 cups milk
4 envelopes gelatin
1-3 cup water
Vanilla
8 beaten egg whites

Combine egg yolks, sugar, and milk and boil for one minute. Then combine gelatin, water, and vanilla, and pour into hot mixture. Cool until liquid starts to set. Then add to beaten egg whites, and pour into a dish lined with graham crackers.

Sadie Fisher
Quarryville, Pa.

xxx

CREAM PUFFS

1 cup water
½ cup butter
1 cup flour
4 eggs

Preheat oven to 400 degrees F. Heat water and butter to rolling boil. Reduce heat and quickly stir in flour with wooden spoon. Stir vigorously over low heat until it forms a ball. Remove from heat. Beat in eggs all at once and continue beating until smooth. Drop dough by scant ¼ cup measures at about three inches apart onto ungreased sheet.

Bake at 400 degrees F. for 35 - 40 minutes and cool on wire rack. When cool, cut tops off, take out filaments of soft dough and add French Almond Custard.

xxx

FRENCH ALMOND CUSTARD

½ cup sugar
½ teaspoon salt
2 tablespoons cornstarch
2 cups light cream or milk
2 egg yolks, slightly beaten
1 tablespoon butter
1 teaspoon almond extract

Mix sugar, salt, and cornstarch in sauce pan. Gradually add milk. Cook over medium heat, stirring constantly until mixture thickens and boils. Boil for one minute. Remove from heat. Add eggs to hot mixture. Boil and stir one minute. Remove from heat and stir in butter and extract. Chill. Put in cream puffs.

Above two recipes by:
Nancy Bilyk
Belvidere, N.J.

xxx

CARAMELS

1 cup granulated sugar
1 cup white corn syrup
1 cup light cream
⅛ teaspoon salt
¼ cup butter (½ stick)
1 teaspoon vanilla

In three or four quart heavy saucepan, combine all the above ingredients and cook to 248 degrees F., stirring constantly. Remove from heat; add vanilla and pour quickly into greased 8 x 8 inch pan. Cool, turn out on board and cut into bite-sized pieces. Wrap each separately.

For chocolate caramels, add one square unsweetened chocolate to ingredients before boiling. Proceed as above, boiling to 245 degrees F, and add ½ teaspoon vanilla.

Mrs. Donald H. Graybill
Stevens, Pa.

xxx

SPECIAL COLE SLAW

6 cups shredded cabbage - (both red and white)
2 tablespoons chopped green onion (optional)

Dressing:

1 cup (4 oz.) crumbled blue cheese
½ cup dairy sour cream
2 tablespoons light cream
1 tablespoon lemon juice
½ teaspoon sugar
Dash of salt

Beat all ingredients together and just before serving add dressing to chilled cabbage, tossing lightly. Makes eight servings.

Mrs. Carl Bacon
Felton, Pa.

xxx

UNCOOKED SALAD DRESSING

1 tablespoon sugar
½ cup evaporated milk
¼ teaspoon salt
2 tablespoons vinegar

Add sugar and salt to milk. Stir well, adding vinegar while stirring. Use with shredded cabbage.

Mrs. A. Sherman
East Waterford, Pa.

xxx

FROSTED MOCHA MILK

1 pint coffee or vanilla ice cream
¼ cup chocolate syrup
2 to 3 tablespoons instant coffee powder
1 quart milk

With a mixer or blender, combine ice cream, chocolate syrup, coffee, and a small amount of milk until smooth. Add remaining milk and chill. Serve in tall glasses, topped with generous spoonfuls of ice cream, if you like.

This tasty beverage can be kept in a thermos for a picnic or for a snack in the field. You can do the same with the orange nog.

xxx

ORANGE NOG

2 eggs beaten
3 cups milk
¼ teaspoon salt
1 (6 oz.) can frozen or juice concentr thawed

Mix beaten eggs, salt, and orange juice smooth. Chill and serve or without a topping of favorite ice cream

xxx

4-H'ers pla bake sale

ELIZABETHTOWN . Elizabethtown 4-H Pig Rabbit Club will hold a sale in front of the U Martin store on June 2

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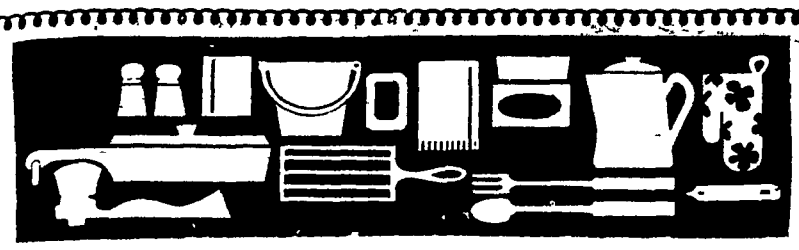

Junior Cooking Edition

The United Dairy Industry Association has planned a menu for a child's party that children can make themselves. The UDIA say's every party has to have its substantial foods. For youngsters, there's nothing like a variation of cheeseburgers. But, for smaller appetites, Animal Cutout Sandwiches are just the ticket with their egg salad filling and cheese decorations.

Children adore choices, so the UDIA has given them various options to choose from on nutritious beverates. They can either mix or shake their own, from Milk Party Punch in a radiant pink to a Purple Cow or a Chocolate Spritzer with Peanut Honey Milk and Butterscotch Shake as good extras.

So, when your child's birthday rolls around again, let him or her have a part in the fun of preparing for it.

MILK PARTY PUNCH

½ cup powdered red punch drink mix
½ cup cold water
3 cups cold milk
Milk ice cubes

Pour drink mix into bowl; stir in water until dissolved. Pour milk into serving pitcher. Pour dissolved punch into milk, stirring constantly. Add milk ice cubes. Serve immediately.

Milk Ice Cubes: Pour 2 cups milk into ice cube tray; freeze until firm. To release, dip bottom of tray in warm water a few seconds; turn out. Yields one quart.

xxx

CHEESY BURGER TOPPING

1 cup (4oz.) shredded Cheddar cheese
¼ cup finely chopped onion
¼ cup chili sauce
2 tabelspoons sweet pickle relish
6 hamburger buns
Butter, softened
Lettuce
6 cooked hamburgers
Cherry tomatoes

Combine cheese, onion, chili sauce and pickle relish; mix lightly. Spread hamburger buns with butter. Top with lettuce, hamburgers and cheese topping. Close and garnish with cherry tomatoes, if desired.

Note: Cheese topping may be prepared in advance of serving. Cover and refrigerate. Makes enough for six hamburgers.

xxx

ANIMAL CUT-OUT SANDWICHES

4 hard-cooked eggs, chopped
One-third cup dairy sour cream
¼ cup finely chopped sweet pickle
2 teaspoons grated onion (optional)
1 teaspoon prepared mustard
½ teaspoon salt
Thin sliced sandwich bread, white and whole wheat
Butter, Softened
Pasteurized process American cheese slices

Combine eggs, sour cream, pickle, onion, mustard and salt; blend well. Cut bread into animal shapes with cookie cutters. (Save scraps for bread pudding or dry and grate for bread crumbs.) Butter bread. For each sandwich, spread 1 slice of bread with about 1 tablespoon egg salad; top with second slice of bread. Lightly butter tops of sandwiches. Cut cheese with cookie cutters to match sandwiches; place matching cheese slice on top of each sandwich. (Save cheese scraps for grilled cheese sandwiches or casseroles.) Yields about 20 small sandwiches.

Recipes courtesy 8 UDIA

xxx

PURPLE COW

1½ cups cold milk
3 tablespoons frozen grape juice concentrate
2 scoops vanilla ice cream (about two-thirds cup)
Vanilla ice cream

Blend milk, grape juice concentrate and two scoops ice cream in blender until smooth. Pour into two 12-ounce glasses. Top with scoops of vanilla ice cream. Serve immediately.Makes two servings, 10-ounces each.

xxx

BUTTERSCOTCH SHAKE

2 cups cold milk
3 tablespoons butterscotch flavor instant pudding and pie filling mix
Orange-flavored candy sticks

Pour milk into deep bowl; add pudding mix and beat two minutes. Cover and chill. To serve, beat until foamy; pour into two 12-ounce glasses. Garnish with candy stick stirrers, if desired. Serve immediately. Makes two servings 10 ounces each.

xxx

PEANUT HONEY MILK

¼ cup honey
¼ cup creamy peanut butter
3 cups cold milk
½ teaspoon vanilla
Banana slices
Whole strawberries

Blend honey, peanut butter and ¼ cup cold milk with rotary beater until smooth. Beat in remaining milk and vanilla. Pour into two 12-ounce glasses. Garnish with banana slices and whole strawberries skewered on party picks. Serve immediately. Makes two, 10 ounce servings.

xxx

CHOCOLATE SPRITZER

2 cups cold milk
6 tablespoons chocolate milk mix
8 ounces cold cream soda

Combine milk and chocolate milk mix in shaker; shake to mix. Pour into two 14-ounce glasses Add cream soda. Serve immediately. Makes two servings at 12-ounces each

xxx

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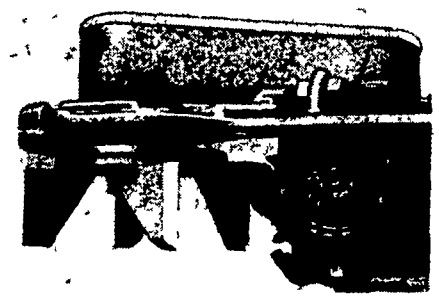

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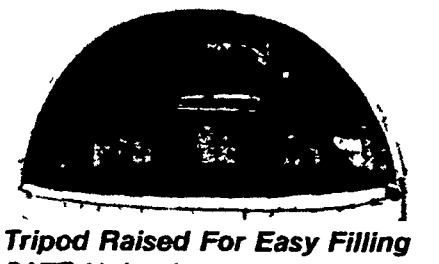

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Fulton Grange helps the deaf

LANCASTER, Pa.--During the month of May, Fulton Grange 66 has been busy working on projects for the deaf and hearing impaired.

Twenty copies of the songbook, Lift Up Your Hands, a songbook in sign language, have been donated to the Solanco School Libraries, Quarryville Library, Medical Center, the Family Health Clinic, the Lancaster General Hospital, St. Joseph's Hospital, the Lancaster Osteopathic Hospital, and the Hearing Conservation Center.

Used hearing aid batteries are also being collected. These will be recycled and the money received will be used in Pa. for the deaf.

If anyone wishes to contribute used batteries, contact a Grange member.

Rehrersburg 4-H meets

REHRERSBURG, Pa. – The Rehrersburg Adventures 4-H Club met at the Bethel School on June 3 for a work meeting. The group constructed backpacks for bicycling and pack-a-meal projects.

The first bicycling meeting will be held on June 15 at the parking lot of the Little Swatara Church of the Brethren. And, those girls working on the Hawaiian Foods project will meet on June 20 in the home of Mrs. George Malsbury.

Pamela Keeney will represent the club at 4-H days at Penn State on June 20 - 23.

Ag info meeting set for 15th

LEESPORT, Pa. - A combined information meeting has been scheduled for 8 p.m. on June 15 at the Berks County Ag. Center, Leesport, R1 according to Paul H. Keeney, chairman of the Berks County ASC Committee.

According to Chairman Keeney, the meeting will be sponsored by the Berks County ASC Committee, the Cooperative Extension Service, and the Berks County Grain Storage and Dryer Dealers (or subsidiaries located in Berks Co.).

Charles Hogan, Jr., ASCS district director, Southeast Pa., will explain the beef referendum, 1977 wheat, barley, corn, sorghum and tobacco crop acreage reports, farm storage facility and dryer loan program, and commodity loans. James F. Haldeman, Berks County agent, will talk on grain storage in Berks Co. The Berks County grain storage and dryer dealers will be available to show slides and discuss systems after the regular meeting.

Both Congressional Agriculture Committees have reported out farm bills which provide that if a set-aside is implemented for 1978 crops, the acreage required to be set-aside may be based on a percentage of the acreage planted for harvest in 1977.

Farmers will have until June 30 to voluntarily report wheat and barley acreage and until September 1 to voluntarily report corn, sorghum and tobacco acreage. However, it is expected most farms can report all acreage by June 30 with one stop at the ASCS county office. Acreage must be reported prior to harvest. Farmers who have already begun or completed harvest should contact their ASCS office immediately.

Farmers who fail to report planted acreage will be considered to have no planted acreage and may be ineligible for program benefits in 1978.

Chairman Keeney urges all producers of barley, wheat, corn, sorghum, and tobacco to report their 1977 acreage by visiting the County ASCS office as soon as possible. Additional evening hours will be provided on Wednesdays, June 15, 22, and 29 to 8:00 PM.

The 1977 crop acreage will update farm data needed for programs that may be in effect in 1978 and subsequent years. Set-aside programs, disaster provisions and other programs may use this crop data when and if the programs are needed. Chairman Keeney emphasizes the need for accurate crop data on each farm when administering fair and equitable production adjustment and price stabilization programs. Farmers should be prepared to report crops by field acreage when visiting the ASCS office.

This is a nation-wide survey to update individual farm crop data information for farm program purposes.

Eligibility for participation in all programs administered by ASCS is established under law without regard to race, color, religion, sex or national origin.

Dick Adams has feed suggestion

UNIVERSITY PARK - This is not a time to be feeding most dairy cows a mixture of corn and soybean oil meal, says Richard S. Adams, Extension dairy specialist, The Pennsylvania State University. Barley and wheat bought at prices paid to farmers are more economical sources of nutrients than corn. This results from the sharply advanced soybean oil meal prices. Thus dairymen with a supply of these at home or nearby should consider replacing at least part of the corn in dairy feed with one of these grains. Less protein supplementation is needed with barley or wheat in a mixture.

Several medium-protein feedstuffs also should be considered in dairy feeds, even home-mixed ones. These include corn gluten feed, brewers' grains and distillers' grains. Their use in a mixture will reduce levels of farm grains, as well as protein and some mineral needs. The use of barley or wheat and these medium-protein (22-27 per cent) ingredients should be considered particularly by dairymen who insist on not using added NPN or protein substitutes such as urea.

Currently feed costs may be reduced by as much as $10-$23 per ton by including urea in a mixture at a 1.5 per cent level. This is the maxium level generally recommended, although 2.0 per cent or so is used in some manufactured feeds. The use of a commercial protein concentrate rather than soybean oil meal in a mixture with farm grains may lower feed costs by as much as $35 per ton. These savings should not be ignored, even if a switch to an added NPN feed may reduce production slightly at least temporarily.

Cows require a period of at least two to four weeks to adequately adjust to a ration with added NPN, such as urea or monammonium phosphate. Thus is should be gradually introduced into a feed. For example use five-tenths per cent the first week, one per cent the second and one and one-half per cent urea-equivalent on the third or fourth. This can be done with commercial feeds by blending a non-urea feed with an added NPN one at the time of delivery.

If cows already are receiving added NPN via corn silage ensiled with it or liquid protein supplement, lower levels, if any, should then be used in the grain mixture. Cows fed largely silages and ensiled grain may be more sensitive to added NPN. This stems from the higher levels of natural NPN in ensiled materials. It is important to check mineral levels in formulas containing added NPN. Its use often increases the need for phosphorus, potassium and sulfur supplementation.

Now is a good time to obtain feeding programs or up-dates of formulas from Penn State. Sound feed programming and formulations are as important in spring and summer as the rest of the year. Such help can pay-off even bigger dividends during the current feed and milk price situation.

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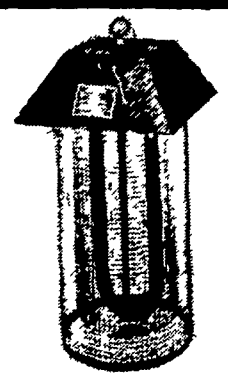

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Agway sets open house for next weekend

LANCASTER, Pa. - During the month of April, the Agway Building Materials Store, 1027 Dillerville Road, Lancaster, and the Agway Farm Store not far from it at 1140 Dillerville Road, merged under one roof at the 1140 location And, next Friday and Saturday, June 17 and 18 they will be sponsoring an open house during which the visitors can inspect their combined facilities which include approximately 5000 extra square feet of warehouse as well as a new fertilizer blend plant

Richard Zeigler, manager of the Farm and Home store, explained that the two stores merged for the convenience of their customers, for better efficiency, and to prevent duplication of inventory.

"Most of our inventory remains the same," he explained. "We brought down all the steel and pressure treated lumber which we store in a lean-to built onto the main store, and we still have installation and servicing of farm equipment and pipeline milkers. We also have the same sales and installation personnel.

The manager of the supply store, Jim Esbenshade, has been made assistant manager of the Farm and Home store, and Doug Sheetz, who was a department manager of the supply store, will be class department manager for farm and car tires.

The new blend fertilizer plant is a first for the Dillerville Road location. They have two four-ton spreaders available for use, as well as a truck of their own to spread the fertilizer on customers' fields. For farmers who prefer to use their own equipment, Agway is equipped to accomodate their needs.

At the June 17 and 18 open house, free refreshments will be served.

The Agway Supply Store, Lancaster, and the Farm Home Garden Store have merged under one roof and will be staging an open house for visitors to inspect the two-in-one facilities.

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Service honored

NEW HOLLAND, Pa. - Sperry New Holland will honor six employees who have completed 25 years of service with the company this month.

Those being honored are: Glenn Deiter, Drumore R1, manufacturing control technician; David Auker, 140 Park View Heights Rd., Ephrata, tool grinder; George M. Weaver, Box 49, R3 New Holland, hob machine operator; Ronald Garrett, 1409 30th Ave., R2 Monroe, Wisc., sales representative; William F. Brooke, 11 Bradford Dr., Leola, senior process engineer; and Aloysius V. Derr, 106 N. Hershey Ave., Leola, training administrator.

Each will be awarded an inscribed watch or clock by the company to commemorate the anniversary.

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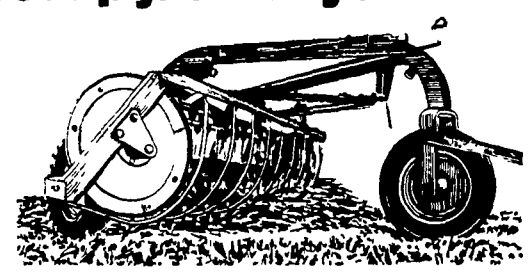

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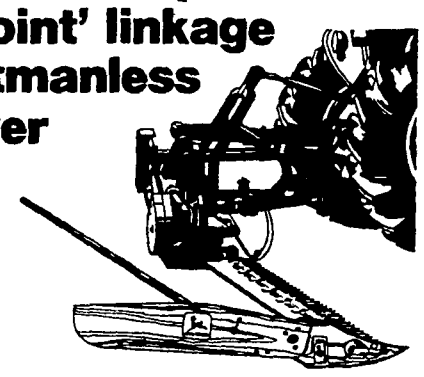

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Program suggested to bring youths to farm

NEWARK, Del. - Every kid ought to have a chance to spend some time on a farm. That's the firm conviction of a lot of us who have agricultural backgrounds. We feel deep down inside that there are some good things about farm life that so many American youngsters are missing. And yet as our population becomes more and more urbanized, there is less opportunity for young people to even visit a farm.

There was a time, not too many generations ago, when almost everyone had a close relative who lived on a farm, but now, and particularly in the urbanized East, there are many generations of people with no ties to agriculture.

So if us old time agricultural folks think farm life is so good and think urban kids should have that opportunity, why don't we do something about it? Why don't we set up a program that would get farmers and city kids together for a working experience each summer?

There are farmers in this area who need the labor that could be provided by these youngsters and there are youngsters who need summer jobs. The only thing that's missing is a mechanism for getting them together.

I know there are problems with such a program. The typical city kid doesn't know which end of the cow to approach or anything about a tractor or the many dangers of farm life. He's not used to the hard work, he doesn't like to get up early, he probably doesn't even have the right clothing. But with proper orientation, many of those problems would go away. Obviously, youngsters who would participate in such an effort would have to be chosen rather carefully. For that matter, so would the farmers who would be accepting them. It would have to be a working experience that would be beneficial to both the youngster and the farmer. And such a program is not for everyone.

Last Summer, we sent our teenage son to Pennsylvania to visit farmer friends for a couple of weeks. They have a diversified agricultural operation including field crops, fruit trees, strawberries, a dairy herd, and a roadside market. They also have two boys, slightly younger than our son. For two weeks he shared their life on the farm doing whatever chores there were to do. They shucked sweet corn, baled hay, combined grain, picked peaches, and in general made themselves useful.

No doubt they did considerable goofing off. Where are you going to find three boys in that age range who are interested in a 40 hour work week? They also took part in a 4-H livestock show, went to the county fair, even got a chance to go to town a couple of times.

So our teenager had a chance to sample farm life, to experience the hard work and the fun, and to feel for himself some of the things his mother and I had been telling him about. We think he came home more of a man because of it and although the work was hard and the hours weren't completely to his liking, he admitted that he enjoyed himself, and in fact would be happy to go back again this Summer.

Although pay wasn't a consideration, the farm family did give him a few bucks for his effort which made him feel particularly good. I'm convinced he earned it and I think the farm family benefited somewhat from having him there.

There must be many such farms throughout this area where non-farm kids could make some contribution whether it be for wages or maybe just room and board and a little expense money. Farmers who are looking for Summer labor should give this serious thought. There are good, willing, capable, hardworking nonfarm youngsters available. Maybe they need more direction than a farm-reared youngster, but I am convinced they could earn their keep.

This concept goes far beyond just finding farm workers. It's an effort in farm-city understanding. It takes a city family out to the farm and gives them a feeling for what's going on there, and maybe even helps the farm family understand city problems a little better.

I'm convinved there are farmers who would like to participate in such a program and I know there are youngsters who would like the Summer experience. Maybe for a week, or two weeks, or even for the whole Summer. All that's needed now is a clearinghouse I'd be interested in some reaction from farm families. Are there some who would be willing to take on a teenager for a few days or a few weeks this Summer? If there's some interest, then maybe we could move ahead with a program that would bring the youngsters and the farmers together

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Cattle owners urged to sign up for national beef referendum

HARRISBURG - Agriculture Secretary Kent Shelhamer said he is urging all Pennsylvania cattle owners to register to vote in the beef referendum at their local USDA Agricultural Stabilization and Conservation Services (ASCS) offices. Registration continues until June 17.

He explained that the registration period is the first step in a vote on whether beef and dairy cattle owners will begin a self-help program that would finance research, consumer education, promotion and market development programs in the beef industry.

Shelhamer said the Beef Research and Information Act passed by Congress last year provides for a national referendum on the plan which would provide a voluntary checkoff of three-tenths (3-10) of one per cent of all sales value on beef. The funds from the checkoff, estimated at $30-40 million annually, would be used for research, education and promotion of beef.

Under the Act, each individual who owns cattle is eligible to register and vote. Shelhamer explained that "that includes beef and dairy cattle owners, and 4-H and FFA members who own one or two cattle for their projects. Each entity owning cattle is eligible to cast one vote, thus some cattle operations with thousands of head will have only one vote if incorporated, while others may have one vote for one cow or steer."

The program must be voted on by more than 50 per cent of those registered and be approved by two-thirds of those voting in order to take effect.

The beef order would authorize a beef research and information program administered by a Beef Board of not more than 68 beef producers selected by the U.S. Secretary of Agriculture from nominations submitted by producer organizations. Each state or geographic area would have representation on the board proportional to its combined beef and dairy cattle production.

The Beef Board could initiate a broad spectrum of projects to improve production, distribution and marketing, and to insure that an adequate steady supply of beef is available to consumers. Such programs, Shelhamer said, could include consumer education and information, and research on a wide variety of subjects ranging from health and nutrition to new product development and improved packaging and distribution.

Shelhamer noted that the program was voluntary and that if any owner does not wish to participate, he could get a refund of the amount he contributed on request.

Voting for the beef referendum will take place July 5-15, Shelhamer said. Absentee ballots for the beef referendum will be available at local ASCS offices.

National programs under the order would not interfere with existing state beef promotion councils. Ten per cent of collections from each state will be returned to the qualifying beef council in that state.

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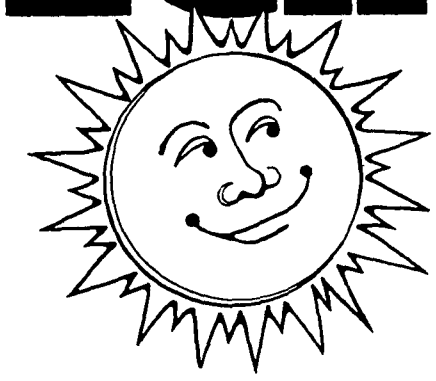

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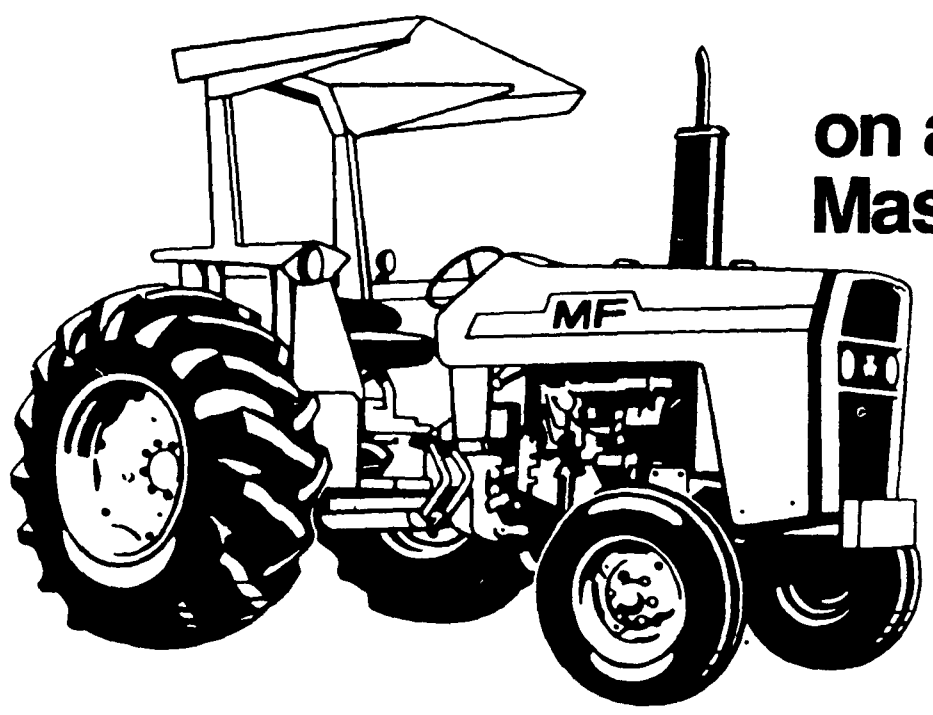

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More than 220 Pennsylvania herds are registered with the American Dairy Goat Association this year Nine Pennsylvania herds are licensed to sell raw milk; compared with one each in New York and Maryland, and three in New Jersey.

TSC TSC TSC

Shipping rules proposed to help guard against pseudorabies

INGTON, D.C. – te shipping rules at preventing the of pseudorabies, a isease of swine and estock, have been d by the U.S. ent of Agriculture. ding to officials of Animal and Plant Inspection Service, ber and severity of abies outbreaks eased dramatically nt years, causing losses for many producers. Swine industry representatives have requested government help in containing the disease.

Pseudorabies – also called Aujeszky's disease, mad itch, and infectious bulbar paralysis – is a virus-caused disease primarily affecting swine. It can also affect cattle, sheep and other livestock, sometimes causing death. There is no danger to human beings, however, either from contact with infected animals for from eating meat.

Under the proposed regulations:

– Interstate movement of all livestock – swine or other farm animals – exhibiting incoordination, excitability and other clinical signs of the disease would be halted.

– Infected or exposed livestock not showing clinical signs could be moved under permit directly to slaughter with no unloading en route. Infected or exposed swine would have to be identified by distinctive earmark.

– Breeding swine, not known to be infected or exposed, could be moved interstate only if accompanied by a health certificate completed by an animal health official or accredited veterinarian. This would contain identifying information and show the animals were properly tested and found negative.

– Other swine (feeder pigs and slaughter hogs), not known to be infected or exposed, could be moved without restriction the first year interstate rules were in effect. After that, such swine could be moved only from states that required reporting of suspected or confirmed cases and placed them under quarantine. The year's delay would allow states time to enact necessary laws or regulations.

– Livestock other than swine, not known to be infected with or exposed to pseudorabies, could be moved interstate without restriction.

– The proposed regulations also would require thorough cleaning and disinfecting of all vehicles, facilities and premises involved in the interstate movement of pseudorabies-infected or exposed swine or other livestock.

The proposal was published in the Federal Register on May 27. Interested persons will have until July 26 to file written statements, views or comments. These should be sent to Deputy Administrator, Veterinary Services, APHIS, USDA, Federal Bldg., 6505 Belcrest Rd., Hyattsville, Md. 20782.

All written comments received will be available at the Hyattsville office, Room 704, for public inspection during regular working hours.

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Better business office open

LANCASTER - Lancaster consumers now have another resource in dealing with businesses. The Better Business Bureau of Eastern Pennsylvania has opened a branch office in Lancaster County to deal more effectively with consumer-business relations.

The Better Business Bureau is a private non-profit organization supported by business and professional members. It is dedicated to maintaining high ethical standards in advertising and selling. The bureau promotes good relationships between businesses and consumers, resolves complaints, and also attempts to police a shoddy business operator.

A file is kept at the Better Business Bureau office on praise and complaints about the local businesses. Any person desiring background information on different businesses can get it. If a business is not in the file they will attempt to develop a file on that business. A similar file is maintained on charitable organizations so they are available to give out information on which charities are reputable.

Besides giving out information on businesses and charities the Better Business Bureau tries to settle disputes between consumers and businesses. A complaint must be submitted in writing to the Bureau. However, if a person calls they will instruct them on how to file a complaint.

Other services performed by the Bureau include monitoring of local advertising and publishing consumer education pamphlets. They also can coordinate arranging speakers to talk to groups on consumer related issues.

Linda Hollingshead, manager of the Lancaster office, is pleased with the way things have started in their temporary quarters at 900 East King Street. "I am glad to mediate in any disputes," she says. Feel free to call her at 717-291-1151 if you want information or have any consumer complaints.

WHAT'S NEW

FIELD CULTIVATOR

Westgo Industries is introducing a field cultivator designed for high horsepower tractors, according to the company.

The Westgo Field Cultivator delivers a pulverizing action that shatters the soil. It also textures the surface for greater moisture intake and a better seedbed, the manufacturer said. Penetration is seven inches.

The double-wheel tandem axle, standard on the 13-foot center section, optional on the wings, allows the cultivator to float with field contours. Westgo claims the tandem axle holds the rig in the ground permitting more even penetration.

Spring-loaded shanks will trip over a 10-inch obstruction and then automatically return to their operating position, the manufacturer claims.

Unique, shock-absorbing shank holders are double-strength cast iron.

The Westgo Field Cultivator is designed with a high-clearance, fourbar center frame. The company claims this cultivator operates with a minimum of trash build-up.

Westgo manufactures the Model 203 Field Cultivator in 24, 25, 26 and 27 foot lengths.

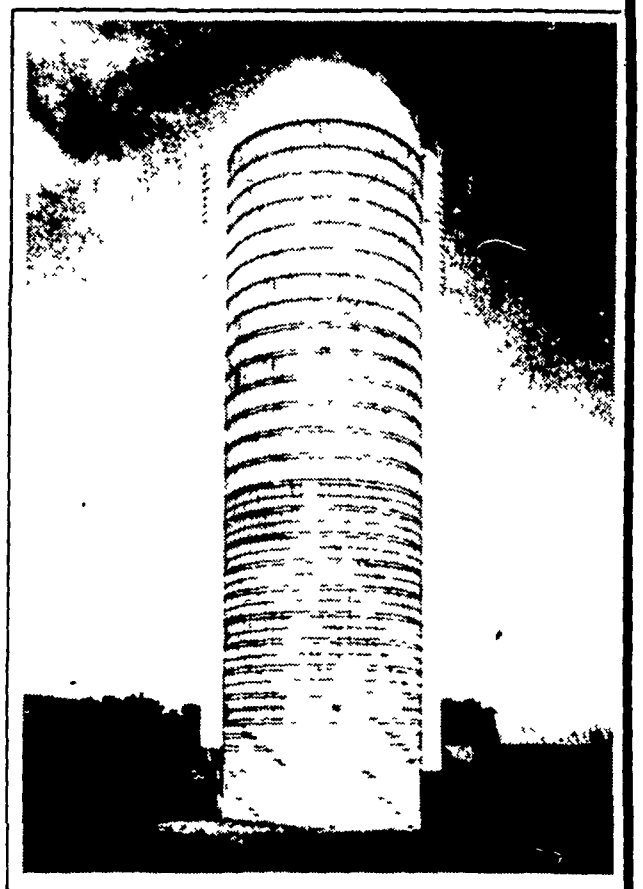
Additional information is available by contacting Westgo Industries, West Fargo, ND.

The PROVEN Fickes
MASTER-MATIC SILO SYSTEM

Master-Matic is the proven automatic silage handling system first introduced in the eastern United States by Fickes over a year ago There's no longer any need to enter the silo Once filled, the silo can be unloaded from top to bottom—automatically The Silo-Matic Continuous-door Unloader moves down the continuous doors to unload haylage, corn silage or high moisture corn It operates effectively, efficiently and without mechanical problems

The Fickes-Master-Matic Silo System offers you:
CONVENIENCE—Puts an end to the chore of climbing the silo every few days
TIME-SAVING—Keeps you out of the silo so you can spend your time to more profitable advantage
CLEAN ENTRY CHUTE—Continuous door chute used for unloading Second chute doors remain in place always clean

SILO-MATIC' CONTINUOUS-DOOR SILO UNLOADER
This exclusive unloader design has been in use on continuous-door silos for more than a year It has been thoroughly tested and proved under farm-operating conditions with haylage corn silage and high moisture corn The Silo-Matic Continuous-Door Silo Unloader automatically moves down the silo from door to door The gooseneck stays in perfect alignment with the chute doors and hood remains in ideal position for maximum silage carrying efficiency
There are no springs, ropes, cables or pulleys to adjust since the downward movement of the unloader operates by gravity The electric cable is plugged into a power source at the top of the silo The electric cable automatically uncoils as the unloader moves down the silo



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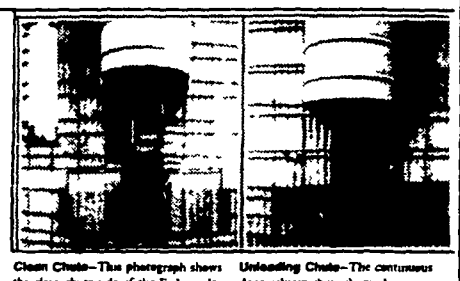

Clean Chute—This photograph shows the clean chute side of the Fickes silo This system provides clean entry to the silo at all times. Doors are "refrigerator fit" Fickes Swingback hinged doors

Unloading Chute—The continuous door unloader chute shown here with continuous door covers in closed position for loading silo

CONTINUOUS DOORS—The Fickes Continuous Doors can be placed at almost any location desired in the circumference of the silo They require no special rods or spreaders The small doors (8'1" wide x 15 long) are wedged tightly against a 5" steel jamb The silo is loaded with doors in place

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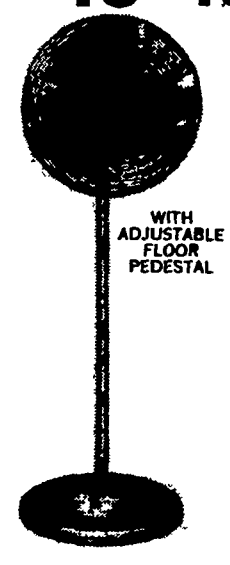

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LIFE on the farm

By DIETER KRIEG

Life on the farm includes pleasures which are free for the taking. Among them are the fresh air, singing birds, the wake-up call of a rooster, the sweet smell of freshly cut hay, the observance of new life in the barn and field, Nature's extraordinary beauty, and much, much more.

And then there are also pleasures which cost plenty of money, such as new equipment and tractors.

A friend of mine was plowing down an old alfalfa field when I dropped in for a visit one day.

I walked out to the field and watched the new machine at work from a distance. There was a constant low snarling tone in the air. The powerful Diesel engine propelled man and machine in almost a gliding fashion. Furrows were being turned steadily and without effort.

Surrounded by the beauty of late Spring, with trees framing "the picture" for the length of the contoured alfalfa strip, it was an awfully pretty sight.

The steady snarling of the Diesel tractor faded into the distance until at last it was time to turn around. Four shiny and highly polished plow bottoms were pulled out of the ground, with the last bits of soil dropping off as the tractor spun around. The tone of the engine changed, as it always does, when the load is taken away.

I watched with envy and began walking the length of the field to meet my friend and his new tractor.

Greetings were kept brief, and talk quickly centered on the performance of the iron horse. There's something about a smooth running engine which captivates a farmer. Six cylinders pounding out a steady rhythm with not a trace of a miss or unusual vibration is music to the ears.

"Hop aboard, take it around a few times," my friend offered.

Eager for the opportunity to get behind the wheel and control levers, I accepted the offer. "But you better show me how to run it first, Bill," I said, when I got an eyeful of the control gadgets - especially the transmission pattern. "Nothing to it," Bill countered from his seat on the fender as he demonstrated the ease of operation.

"Watch the brakes, they're power," he noted just before I eased the tractor into motion by releasing the foot clutch. Again, the the engine snarled like the famous MGM lion in the movies. Only in this case the snarling was steady and prolonged from one end of the field to the other. It sounded good and felt good. Behind me the soil turned over easily. The bottoms slid through the ground like water flows through a pipe and a steady hissing sound met my ears.

The scent of newly turned soil, and fresh hay mingled with fresh air. A soft breeze gave graceful movement to the trees. And I was enjoying it all from the seat of a new tractor.

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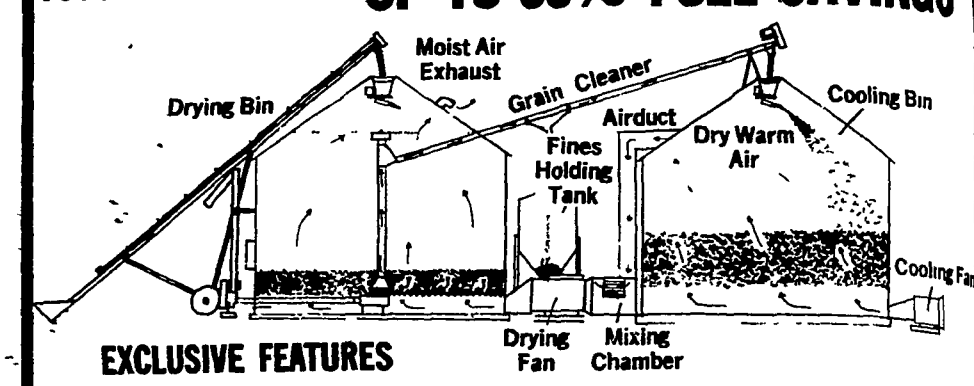

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TAPERED SWEEP AUGER, removes a thin, even layer of dry grain from the drying floor as it travels around the bin.
SURGE CAPACITY, wet grain may be added to the drying bin at any time, as fast as you harvest. [no waiting around to unload].
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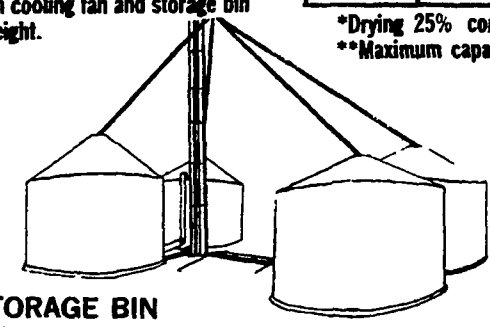
*Drying 25% corn to 15% under normal conditions.
**Maximum capacity by increasing fan and burner size.



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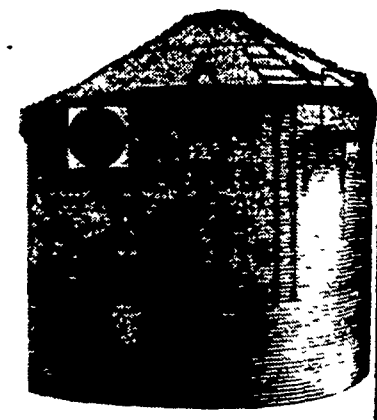
33-7	15708	5926	4010
36-7	18948	7000	4737
42-7	26481	9449	6394
48-7	35436	11907	8058



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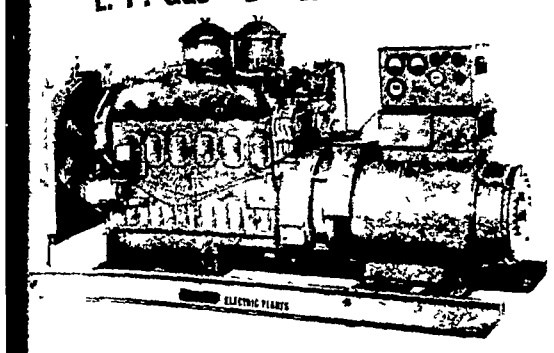

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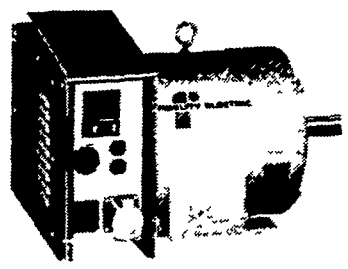


ALTERNATOR

Designed exclusively for center pivot irrigation applications, a new alternator is now available from Fidelity Electric Company. The special center pivot irrigation alternator offers many features not found or available in more conventional units.

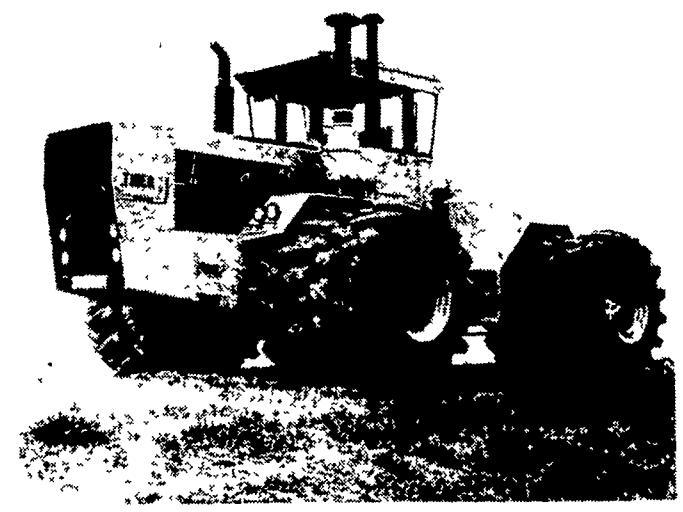
Available in three models, the IS-10 provides 10KW, 3 phase or 15KW single phase output; the IS-12 provides 12KW, three phase of 15KW, single phase output; the IS-15 provides 15KW, three phase or 20KW, single phase operation. Any of the alternator models can be operated at single or three phase simply by throwing a convenient switch. The unit features a 1-⅝ inch shaft and can be easily fitted with a PTO gear box.

The special center pivot irrigation models provide full load voltage adjustment to compensate for line losses, special protective coatings on all windings, a receptacle for 480 volt, three phase operation, a receptacle for 240 volt, single phase operation, and a 120 volt duplex receptacle for the operation of electrical tools and lights.

Each alternator is designed and built to provide one hp per KW motor starting capacity. Special patented bearing system with oversize precision ball-bearings assures long life at continuous duty operation. For complete details and the name of the nearest farm equipment dealer, write to Fidelity Electric Company, Inc., 332 North Arch Street, Lancaster, Pa. 17603.

HOT WATER WASHER

Citation Manufacturing Co., Inc. of Siloam Springs, Arkansas, is continuing to broaden its cleaning equipment line. Now, it's the Model 980 - their newest Hot High Pressure Washer. The Company says, when everything is considered, it's the least expensive 3 GPM, 650 PSI, 210 degree machine in the industry. The unit comes complete with a cat pump, float tank, fuel tank, stainless steel metering valve, 40-foot discharge hose and portable gear at only $1,395.00 f.o.b. factory.



450 HP TRACTOR

A new 450 hp four-wheel-drive tractor – the Tiger ST-450 – has been introduced by Steiger Tractor, Inc., Fargo, N.D. The units is the world's most powerful mass-produced farm tractor. It can chisel plow 45 acres or more per hour, according to company engineers. The Steiger Tiger ST-450 is powered by a turbocharged and aftercooled Cummins 1150 cubic inch engine, which delivers 350 horse power to the draw bar, according to manufacturer's estimate. The six-speed manual power-shift transmission can produce an infinite range of working ground speeds up to 15 miles per hour. A wide range of convenience features are standard, including a CB radio, and digital clock with lapsed time meter.

The Steiger Tiger ST-450 offers innovative comfort features as well. For example, the new cab is a roomy five feet wide. Also, an AM-FM stereo radio, eight track tape player, heater, and air conditioner. Transmission and hydraulic controls are positioned to the operator's right in a console unit. It swings up for easy entry and exit.

The cab is rubber-mounted for vibration free comfort, and the cab glass is tinted to reduce operator eye strain.

Cab instrumentation includes a voltmeter, hourmeter, tachometer, speedometer, torque converter light, transmission filter light, lube oil pressure, warning light for the transmission, and safety shutdown system switches on engine oil pressure and water temperature.

Fourteen working lights – eight front and six rear – assure good round-the-clock visibility. Four flashing lights – two front and two rear – for road operation are included.

The Tiger ST-450 takes its place at the top of Steiger's lineup of 13 four-wheel-drive tractors, which range in horsepower from the 210 hp Steiger Wildcat III to the 450 hp Steiger Tiger III.

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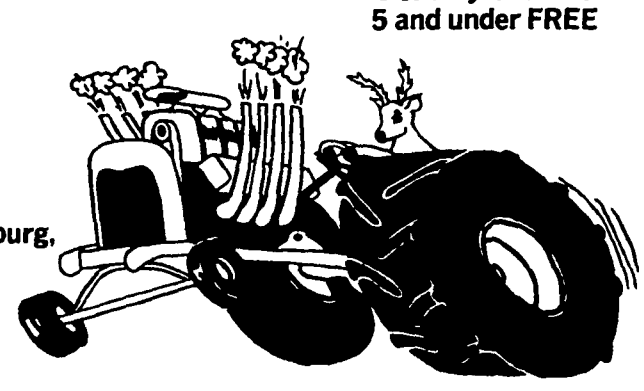

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Fri. & Sat. June 17-18 - Penn Springnationals

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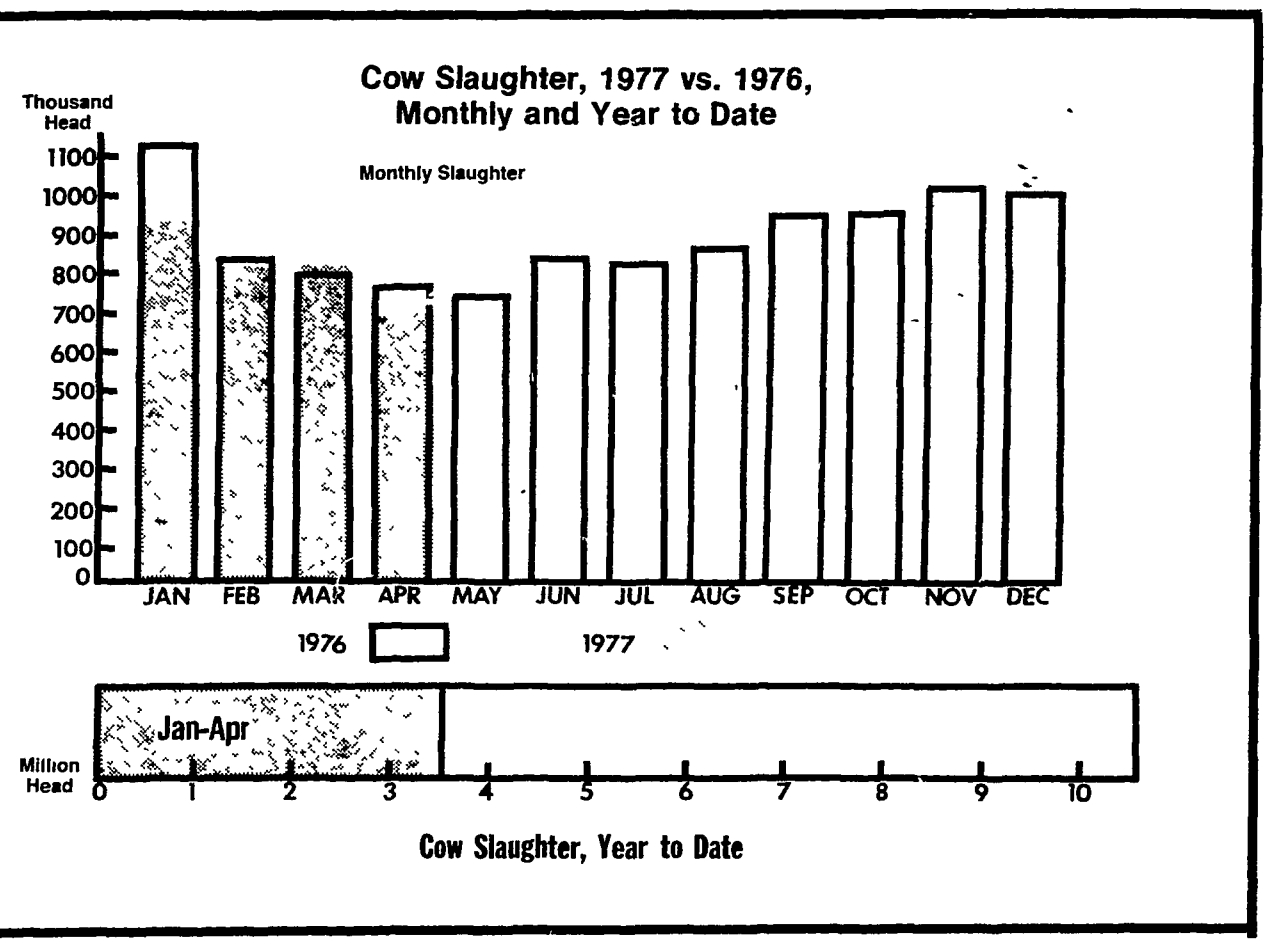
Cow slaughter rate declines



DENVER, COLO.–U.S. cow slaughter is continuing at levels which are higher than historical averages. However, the slaughter rate recently has been less than a year earlier, in addition to declining seasonally, the American National Cattlemen's Assn. said last week.

Commercial cow slaughter in April has been estimated at 677,000 head, it was pointed out by economists with Cattle-Fax, the market analysis service sponsored by ANCA. This represented a decrease of 11 per cent from the April, 1976, total of 765,000 head, and it was down 16 per cent from the previous month's total of 806,000.

For first four months of the year, cow slaughter was 3.2 million, or 9 per cent less than a year earlier. The year-to-date total is about as expected by Cattle-Fax economists, and cow slaughter for the entire year is expected to be more than 9 million head. This would be substantially less than the 1975 and 1976 totals, but it would represent a continuation of the liquidation phase of the cattle cycle.

Adverse economics in the industry and continued drouth in some areas--including parts of the West and Southeast primarily--have resulted in a fairly high cow slaughter rate again this year, said Wray Finney, ANCA president. The cow herd next Jan. 1 is expected to be at least 1 million head less than the total of 52.4 million on Jan. 1, 1977. The latest information on cow slaughter is part of an ANCA-Cattle-Fax program to keep the industry posted on cow herd trends.

"The second half of the year is the most critical period in the determination of annual cow slaughter," Cattle-Fax explained. "In the record cow kill year of 1975, 60 per cent of the slaughter was in the last six months. In 1976, 52 per cent of the slaughter occurred in the July-December period. Improved moisture conditions in parts of the Plains, Midwest and Pacific Northwest likely will permit slaughter to decline seasonally into July. After that, fall culling will increase the slaughter rate again. Meanwhile, problems with sub-soil moisture, hay supplies and irrigation water for hay production will be affecting cattle numbers some region.

June is dairy month

xxx

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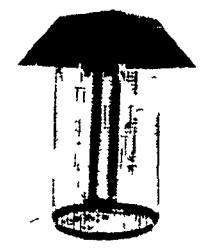
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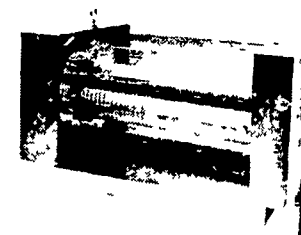
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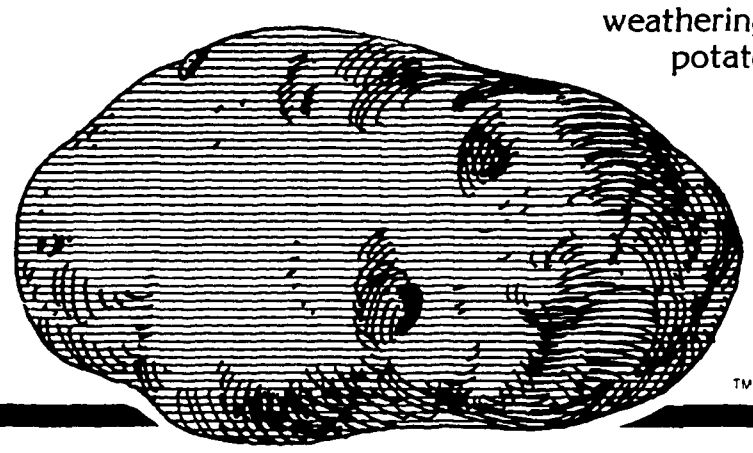

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Disease related to nutrition

MINNEAPOLIS, Minn. – esearch into the relative irient requirements of althy and diseased imals was reported here month at the 25th Annual zer Research Conference Dr. Dean R. Zimmerman, wa State University rthonist.

The nutritional status of an imal can affect its ceptibility to disease, and icient animals are more ceptible to bacterial and rasitic diseases but, in ny instances, less ceptible to viral disease, Dr. Zimmerman said. Once the animal has contracted any disease, however, proper nutrition is important for a speedy recovery.

In general, he told those in attendance, diseased animals have higher nutrient requirements than healthy ones. Diarrhea can cause considerable nutrient loss, particularly of electrolytes and water-soluable vitamins. Elevated body temperature increases maintenance energy requirements, while at the same time the disease may cause decreased energy intake because of loss of appetite. Diseases involving the intestinal epithelium may decrease the efficiency of nutrient absorption.

Dr. Zimmerman presented data from Iowa State trials that demonstrate disease-nutrition interrelationships relative to efficiency of feed utilization, In experiments using pyrantel to prevent severe ascarid migration in growing pigs allowed on dirt lots, it was demonstrated that an ascarid infection adversely affected feed efficiency more in protein-deficient, than in protein-adequate pigs. It was also shown that ascarid infection exacerbated the effects of a mycoplasma infection on feed efficiency in pigs. Further, he reported, the depressing effect of mycoplasma pneumonia on feed efficiency was greater in protein-deficient than in protein-adequate pigs.

Record number of girls up for FFA Week

UNIVERSITY PARK - A record enrollment of 351 girls are preregistered for the 49th Annual FFA Activities Week to be held June 14 to 16 at The Pennsylvania State University. Thirteen young women will compete for the title of Pennsylvania FFA Princess.

Total enrollment in FFA Activities Week should reach 1856 , according to co-chairman William Williams of Penn State and Charles F. Lebo of the Pennsylvania Department of Education. Involved will be 1559 students, 64 state FFA delegates to annual business meetings, 67 bands and 86 chorus members, and some 250 teachers and supervisors of vocational agriculture.

Twenty-two contests will be featured, four on June 14 and 18 on June 15. The contests are made possible through the cooperation of faculty and staff members in all departments of the College of Agriculture. The highest number of competitors will take part in dairy cattle judging, land judging, livestock, and floriculture contests.

The national FFA President, C. James Bode of Geary, Oklahoma, will address a general session the night of June 15 in the University Auditorium. The State FFA President's report will be made at the same event by Randall L. Ranck of Quarryville. The first day's general session, also in University Auditorium at 8:15 p.m., will welcome contestants and delegates to FFA Activities Week.

New officers of the State Association of FFA will be announced at a final assembly at 9:30 a.m. June 16 in University Auditorium. Awards to contest winners--including trips to regional and national contests - will also be made at this assembly. Educational demonstrations and tours of College of Agriculture facilities will be featured June 15 and 16.

Dairy data released

HARRISBURG, – First quarter 1977 milk production in Pennsylvania totaled 1845 million pounds. This is four per cent more than the corresponding period a year ago. The number of milk cows averaged 704,000, down one-half per cent from the 707,000 during the first quarter of 1976. Average production per cow during the quarter at 873 pounds is four per cent above a year ago.

The March 1977 wholesale blend milk price averaged $9.81, down 31 cents from December's 1976 price of $10.12 per 100 pounds of milk. First quarter prices in 1977 averaged 51 cents less than the corresponding period a year ago. Although wholesale blend milk prices show a decline, prices for input items continue to increase.

Production costs for Pennsylvania dairymen for the year ended March 31, 1977 averaged $9.34 per 100 pounds of milk. This is 68 cents above March last year and 22 cents above December 1976. Average hourly wage rate for April 1, 1977 increased nine per cent from a year ago. In addition, the April 1 average value for milk cow replacements was $670 compared with the previous year $617. Hay prices as of March 15, 1977 was estimated at $67.00 per ton, up $12 from last year. The April 1, 1977 value of grain increased 76 cents from a year ago and 37 cents over January 1, 1977.

United States milk production during the first quarter of 1977 was two per cent above the previous year. Production per cow averaged up three per cent while average number of cows decreased one per cent. Grain and other concentrates fed to milk cows on April 1 average 14.1 pounds per cow compared with 13.8 on April 1, 1976.

The March milk-feed price ratio for the U.S. at 1.47, was only slightly below the previous month but ten per cent below a year ago. The decline in the ratio from the preceding month was due to lower milk prices which more than offset a slight drop in feed costs. The decline from a year ago was the result of lower milk prices and higher feed costs.

How you can promote Dairy Month

YOU CAN use genuine dairy products and urge your friends and neighbors to do the same.

YOU CAN actively promote dairy products by being well informed about their nutritive benefits and passing that knowledge on to others.

YOU CAN cooperate with other dairy farmers to develop a promotional program and get nonsupporters to participate.

YOU CAN support the year-round non-brand promotion programs of United Dairy Industry Association (UDIA).

YOU CAN use bumper stickers advertising milk and milk products.

YOU CAN use your influence to have genuine dairy products served at meals and as refreshments at church and school affairs, farm meetings, community gatherings, clubs and other organizations to which you belong.

YOU CAN actively participate in public education programs, such as school-farm visits, to help bridge the communication gap between farmers and consumers.

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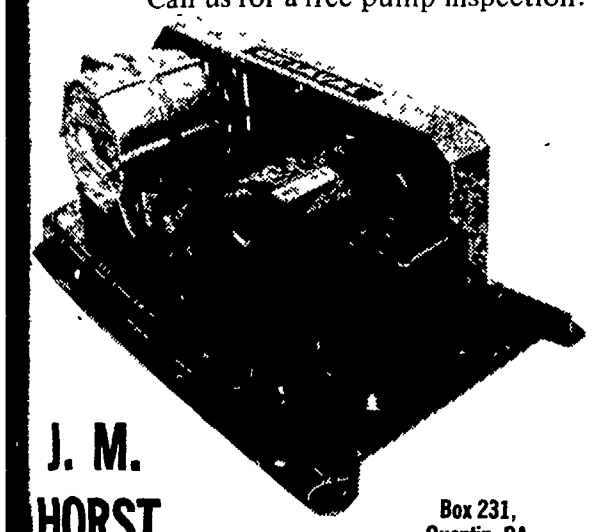

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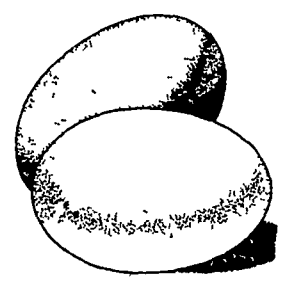

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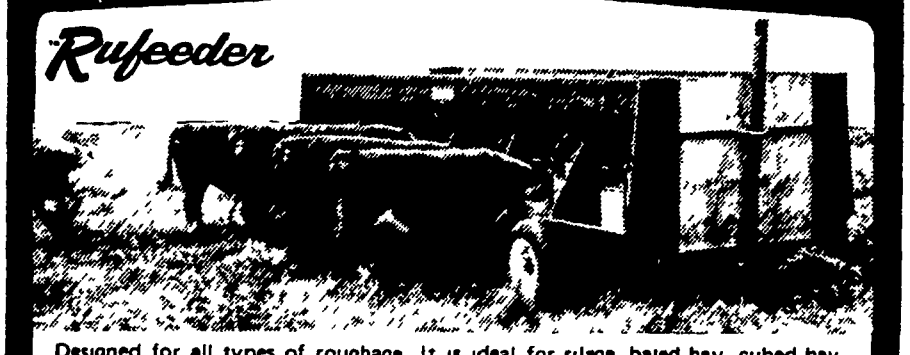

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Grange posts sewing winners

HARRISBURG, Pa. – Two young girls, a 15-year-old high school sophomore and a 10 - year - old fourth grader, literally stole the show in the Pennsylvania State Grange's 16th annual sewing contest.

The 15-year-old – Carol Weyand, daughter of Mr. and Mrs. Merle E. Weyand of Rockwood R3, Somerset County – was the contest's top winner with best-of-show honors in addition to first place in Class B, for 10 to 17 year old contestants.

Her entry was a blue denim gaucho pants set with hand embroidered bib top and matching purse, and with a gingham check shirt.

Second place in Class B went to the youngest contestant to have a garment judged in the statewide finals – 10-year-old Renee A. Koenig, daughter of Mr. and Mrs. Richard Koenig of Slatington R1, Lehigh County. Her entry was a polyester blend reversible skirt and vest with a handkerchief print lining.

In addition to Carol Weyand, other first place winners were:

Class A, women's garments: Sharon Kubinec, 18, of Greensburg R5, Westmoreland County.

Class C, children's clothes: Mrs. Earl Smith, 9871 Donation Road., Waterford, Erie County.

Class D, teen clothes: Mrs. Gordon Ridge, 21 Loretta St., Latrobe, Westmoreland County.

Class E, men's garments: Mrs. Ronald Newhard, Shoemakersville R1, Berks County.

Sharon Kubinec's winning entry in Class A was a ladies cranberry color three-piece suit with a printed blouse.

The winner in Class C, Mrs. Earl Smith, believes that "life can never be boring if you can and are willing to make things with your hands!" Last fall she won first place in the State Grange's quilting contest. This year she took first place in Class C with a brown denim trousers and vest outfit with a printed knit tee shirt that she made for her seven-year-old son.

Mrs. Gordon Ridge's winning entry in Class D was an old-fashioned calico dress.

The winning entry in Class E was a man's two piece suit combining a solid color and patterned fabric in green with a paisley print lining, plus a shirt. The winner, Mrs. Ronald Newhard, explained that she made the outfit for her husband who had picked the fabric.

Second and third place ribbons in the state finals were awarded to:

Class A: second, Mrs. Barbara Burkhart, Denver R1, Lancaster County; third, Mrs. Steve Popelich, Jr., 20 Woodcrest Drive, Monessen, Westmoreland County.

Class B second, Renee A. Koenig; third, Melissa Turner, Stroudsburg R3, Monroe County.

Class C: second, Mrs. Leona Rae, 1905 Arlington Drive, Greenville, Mercer County; third, Dorothy Metheny, 2515 Beverly Drive, Washington, Washington County.

Class D: second, Eleanor Laughlin, Hookstown R1, Beaver County; third, Alberta Moore, Claysville R1, Washington County.

Class E: second, Alice Jean Parker, Cameron Star Route, Waynesburg, Greene County; third, Mrs. Miriam Rubendall, 295 Union St., Millersburg, Dauphin County.

A total of 2774 entries were received in the contest, according to Mrs. Leroy Hoover of Roaring Spring, chairman of the women's activities committee of the State Grange. Following eliminations at the local and county levels, 111 garments were judged in the state finals. First place winners in the five classes of competition will now be judged in the state finals. First place winners in the five classes of competition will now be judged in the National Grange finals in New York later this month.

Judges in the state finals were Mrs. Patricia Huff and Miss Kathleen L. Barr, Extension home economists; Miriam Bear, a 4-H leader, and Arlene N. Murray, former 4-H leader.

Livestock Congress slated

CALGARY, ALBERTA - A group of American and Candian speakers, representing government, consumers and the livestock industry, will participate in Livestock Marketing Congress '77.

The lineup for the June 15-17 congress, scheduled for Calgary, Alberta, includes consumer advocate Ralph Nader; American National Cattlemen's Association President Wray Finney; Canadian Cattlemen's Association President Boyd Anderson; Ruth Lotzkar, chairman of the Consumers Association of Canada, and Canadian Senator Hazen Argue.

Joining Senator Argue, to represent government will be Bert Hargrave, member of Parliament from Medicine Hat, Alberta, and John Reese of the Foreign Agricultural Service, U.S. Department of Agriculture.

From the livestock industry will be Richard Lyng, president of the American Meat Institute; John Huston, vice president, National Live Stock and Meat Board; Alan Middaugh, of the U.S. Meat Export Federation; Keith Leckie, general manager, Meat Packers Council of Canada; Dr. Gordon Burton, cattleman and agricultural economist, Claresholm, Alberta; J. Marvin Garner, executive vice president, National Pork Producers Council, and J. D. Sartwelle, president, Port City Stockyards, Houston, Texas.

And from the academic community will be John Bowland, dean of agriculture, the University of Alberta; Dr. Edward Uvacek, Jr., livestock marketing specialist from Texas A&M University; Dr. Ron Knutson, also from Texas A&M; Dr. Al Lyons, Department of Agricultural Economics, University of Manitoba, and Dr. T. T. Stout, professor of economics, Ohio State University.

Other participants in the Congress will be Dr. Gordon MacEachern, president, Research Council of Canada, Harold Dodds, editor of Canda's Cattleman magazine and R. H. D. "Bob" Phillips, editor and publisher, The Western Producer, Saskatoon, Sask.

More information can be obtained by writing the Institute, 4900 Oak Street, Kansas City, Mo. 64112. The Institute is a non-profit, non-political organization made up of United States and Canadian trustees who are leaders in the various businesses related to the livestock economy. Its objective is to help maintain equitable and stable profits for the industry, and to explore the various business and economic concepts related to livestock marketing.

Issuing of learner's permit now requires oral examination

HARRISBURG–Rep. Noah W. Wenger, R-Lancaster, reminds persons applying for a driving learner's permit that they must now first pass an oral test.

'I strongly suggest that a future driver obtain a copy of the State Driving Manual and study its provisions before taking the initial test," Wenger said.

According to Rep. Wenger, Pennsylvania's new Vehicle Code contains a number of changes from current law which will take effect July 1. He said that because of this persons may wish to familiarize themselves with these provisions.

Previously, a person obtained a learner's permit simply by applying for it and could begin driving immediately as long as he was accompanied by a licensed driver. As of June 1, however, applicants are answering questions based on the State Driving Manual before receiving the permit.

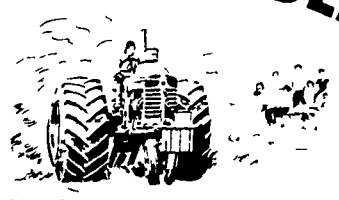
Rep. Wenger said driving manuals are available

--At local driver examination points,

–At State Police barracks or

–By writing directly to the Bureau of Traffic Safety, Department of Transportation, Room 3 Transportation and Safety Building, Harrisburg, PA 17120.

TRACTOR PULLS



NEWVILLE COMMUNITY FAIR GROUNDS
NEWVILLE-SHIPPENSBURG ROAD RT. 533
JUNE 18, 6:30 P.M. - FARM TRACTOR
JULY 9, 6:30 P.M. - GARDEN TRACTOR
JULY 16, 6:30 P.M. - FARM TRACTOR
AUG. 13, 1:00 P.M. - GARDEN TRACTOR
SEPT. 3, 1:00 P.M. - GARDEN TRACTOR
SEPT. 17, 6:30 P.M. - FARM TRACTOR

FARM TRACTOR CLASSES
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GARDEN TRACTOR CLASSES
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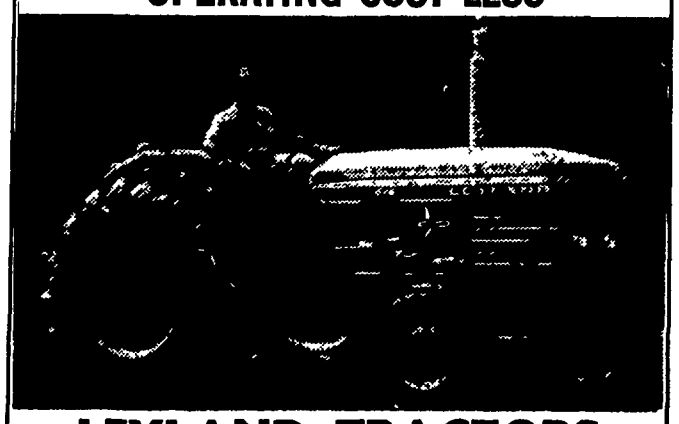

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Varying Power & Fuel Consumption

Diesel Tractor Model	Max. PTO HP.	Fuel Consumption Gal./Hour	Horsepower Hrs./Gal.
Leyland 255	52	1.67	16.78*
Massey 165	52.4	1.97	14.20
IHC 574	52.5	2.49	11.53
Case D/B 990	53.7	2.18	13.22
A.C. 170	54	2.18	13.38
Deutz 5506	56	2.19	13.75
Case D/B 995	58.7	2.25	13.86
Deere 2030	60.7	2.67	12.07
IHC 674	61.5	2.75	12.05

* Data taken from the British Standard Test 141A— A test similar to the two-hour Nebraska test.

We suggest you give this serious consideration before you buy your next tractor.
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BUS. HOURS: 7 A.M. TO 5:30 P.M.
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EVENINGS BY APPT.

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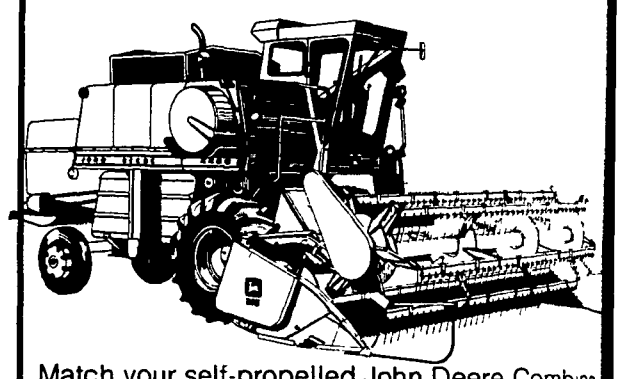

Match your self-propelled John Deere Combine (1970 to present) with the 200 Series Platform with rigid cutterbar. Advantages include fast ground speed and positive feed plus many adjustments to match your conditions.

Productivity excellence of the John Deere 4400 with 4-row head makes it a leader in the medium-price class

Compare a John Deere 4400 with a 4 row corn head or 4- or 6-row row-crop head with others in its class. See why John Deere corn head performance is so exceptional in standing or down corn, why the unique John Deere row crop head minimizes soybean shattering and lets you step up ground speed.

Check the 4400 separator advantages There's a 100-hp 329-cubic-inch diesel engine Aggressive wedge-action threshing with a 38 in. cylinder. Thorough separation on long walkers with 6-inch crank throw. Uniform, full-width shoe feed with exclusive auger conveyors The grain tank holds 72 bushels, or 102 with extensions A quiet cab is available outfitted with a high back Personal-Posture™ seat. See and compare the productive 4400 soon

LANDIS BROS., INC
1305 MANHEIM PIKE LANCASTER, PA
717-393-3906

Tobacco auction extended

ANNAPOLIS, Md. - The 77 Southern Maryland bacco auction season has ficially been extended for e additional week in an ort to bring the state's full op to market.

The markets had been heduled to close Thursday, June 9th, but will remain in operation until June 16th.

The decision to extend the tobacco auction season was announced jointly by the State Tobacco Authority and Maryland Secretary of Agriculture Young D. Hance following a meeting of the authority.

Chief reason for the extension is that additional time is needed for growers to finish stripping remnants of the 1976 crop. Dry weather conditions this Spring and Winter had delayed stripping and it is estimated that as much as 3-5 million pounds of Maryland-32 tobacco from last year's crop are still in the hands of growers who are anxious to sell on this market.

Weather conditions improved over the weekend and on Monday, raising hopes that farmers will be able to strip much of the tobacco they still hold. Through last Thursday (June 2nd) a total of approximately 26.3 million pounds of Maryland tobacco had been sold at auction this season.

TRY A CLASSIFIED

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When you apply for a state civil service test, be sure you put the exact job title on your application. Hundreds of applications are returned each month to candidates who have not clearly stated the title of the job for which they are applying.

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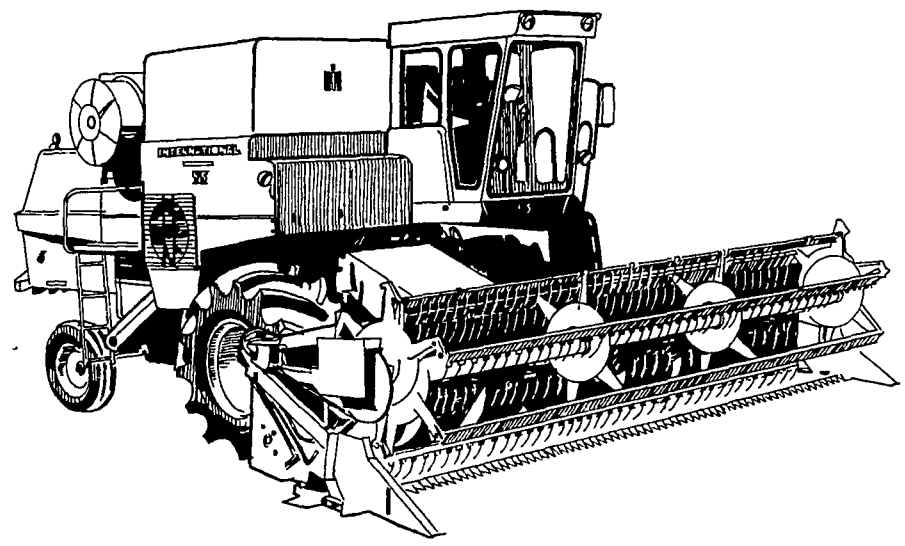
more productivity, less maintenance



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715/815/915 combines

A big International combine answers the need to cover more acres a day with fewer grain losses. From cutting to unloading, balanced capacity meets varying crop conditions. Great for those extra-heavy hanging heads of maize. Plenty of grain header size from 10 to 24 feet, and the power to harvest fast with 114 to 162 hp
Low profile design - go through a 12-ft. door. Easy storage, transport.

Fast changeover to other crop headers with Quick-Attach universal feeders.
Big-mouth cylinder-concave space - extra room for crop to enter.
Fin-and-wire straw walkers are virtually plug-free in any crop.

SEE US FOR DETAILS. EASY FINANCE PLANS AVAILABLE.

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For Sale - IH Baler with thrower, good condition, $1800 or best offer. 215-255-4378.

For Sale - Better Bilt liquid manure spreader, model 1500 with plow down attachments. Used very little $5200. Phone 717-665-5769.

For Sale - 1974 Ford tractor Series 3000 heavy duty loader, live PTO, fully equipped, extra low hours (402), asking $5500. Phone 215-869-2927 after 5:30 PM.

For Sale - cultivators for Super C, $100. Phone 201-359-5046.

Farm Equipment

New Holland (like new) 36 Flail Chopper. Used one year on small dairy farm $1,500.00

555 Case Haybine - Good condition $1,000.00

300 Massey Ferguson Combine with 13' cutter bar and 2 row picker head $8,000.00

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For Sale - Allis Chalmers CA plus manure loader, snow plow, 2 bottom plow, disc, subsoiler, cultivator and chains $1750 takes all. Also 1964 Ford pickup truck $525. Phone 717-739-4718.

For Sale - Farmall M. with belt pulley, also have power pack & new paint. Asking $950. Phone 717-933-8713.

For Sale - 830 JD haybine, 12 ft. auger platform used two seasons. Phone 215-267-6198

1974 John Deere 440B log skidder $15,000.00 John Deere 440A log skidder $7250.00 Allis Chalmers articulated log skidder $2975.00 short dog log skidder $1000.00 Hough Diesel with forks $4500.00 John Deere 350, with winch, Rophs, Dozer $9000.00 others, trade, 814-793-2819. CURRY SUPPLY MARTINSBURG, PENNA.

For Sale - JD 6600 combine, includes 14 ft. grain platform, 4 row 30" cornhead, 4 row 38" cornhead. Excellent condition. Ph: 717-426-1197.

For Sale - Model L.I. Case tractor, 4 spd trans., with starter. In excellent condition. George Murphy, Dover, Pa. Phone 717-292-1455.

1974 - 1085 Massey Ferguson full cab $10,975.00, 1973 Long R 9500 100 hp $7500.00 1971 Case 1090 new rubber $$9500.00 IHC 544, with loader 1800 hours $8500.00 many others. Trade 814-793-2829 CURRY SUPPLY MARTINSBURG, PENNA.

For Sale - AC303 baler with bale thrower. Good condition. Never baled Fodder, $1200 Phone 717-548-3188.

For Sale - Ford Baler, rake and cutter and wagon. Selling due to death of farmer. Call 717-944-8595 before 11 a.m. or after 9 p.m.

For Sale - Int. 2 row corn planter; Int. 3 bottom trailer plow, 3 section harrow, NH 479 haybine with 9 ft. cut; NH 279 baler w-thrower. All like new. Ph: 717-275-3888.

For Sale - John Deere 24 Skid Steer Loader $4500. 215-696-0908.

For Sale - McCormick No. 9 mower, 7 ft. bar. McCormick tractor with pulley, model M. One-2 cyl. Wisconsin baler engine in A-1 condition, overhauled. McCormick PTO binder with long loader. Leroy B. Esh, R.D.1, Gordonville Rd., Ronks, Pa. 17572. Phone 717-768-8460.

For Sale - 4 ft. - 4ft. 8 in. - 6 ft. - 8 ft. - 10 ft. self-spacing concrete hog slats. V.T. Petersheim, Box 315, RD2, Mifflintown, Pa. 17059.

For Sale - Late model PTO thrower for NH 273 baler. Excellent condition. Phone 717-656-9013.

For Sale - IH 91 Combine 10 ft. head, excellent condition. Phone 717-456-5762 H.K. Wiley, Delta, Pa.

For Sale - New Holland Self Propelled Haybine No. 1469, Excellent condition. 215-273-2195.

For Sale - JD 45 EB combine with cab & hydraulic roam reels. Late model in A-1 shape. Phone 717-742-8042.

For Sale - 25 x 65' Harvestore Goliath unloader, $18,000. Phone 315-353-2054.

For Sale - JD 60, PS, 3 pt. hitch, good tires, excellent condition. Ph: 215-367-0347.

For Sale - New Holland automatic bale wagon, Model 1010, used one season, $4800. Beaver Dam Farm, Durham New Hampshire, 03824. Phone 603-659-5014 or 5258.

For Sale - John Deere 55 self-propelled combine; 36' Kingwise elevator; 12' New Holland fertilizer spreader; ½ ton vertical feed mixer; ½ ton horizontal feed mixer; Phone 717-469-2651.

For Sale - Myers A32-TM air sprayer w-row crop case; Century high clearance sprayer; cultivator for 70 JD; Gehl hay conditioner. Phone 215-459-0806 after 5 PM.

Speical 10 per cent summer discount on Willmar spreaders ordered in June and delivery accepted by Sept. 1

C.U. Stoltzfus Mfg., Inc.
Morgantown, Pa. 17543
Phone 215-286-5146

For Sale - 42" Robinson hay dryer fan; (2) Calumet liquid manure spreaders, new and used silo unloaders, 12' thru 20'. Call 717-548-2116.

For Sale - Trailer frame with flotation tires, ideal for mounting tank $150. Late model NH 282 wire tie baler. Phone 717-273-6018.

Wanted - Case baler 230. Dan A. Hostetler, RD 1, Box 129, Belleville, Pa. 17004. Phone 717-667-2666.

For Sale : New 5 HP Chipper and mulcher. Call 626-7382 after 5 P.M.

For Sale - Wagon bodies custom built of oak, cresoted $350 for 16' or $400 for 18' bale thrower box Andrew Latosek. 717-333-4946.

For Sale - One wooden silo, 10 x 40 boards in good shape. Robert Lehman, R.D. 1, Dillsburg, Pa. 17019. Phone 717-432-4889.

For Sale - Massey Harris No. 70 Combine - 10 ft. grain table, 2 row corn head. Very good working condition. Call 717-362-9776 evenings after 5 o'clock.

For Sale - New single trees and yokes, etc. Custom welding and feed cart making, any size. Jacob M. Stoltzfus, Bird-in-Hand, Pa. RD1, 2870B Church Road, 17505.

For Sale - Market wagon, good condition, make an offer. Moses Stoltzfus at Nickelmines, Paradise, Pa.

For Sale - Gehl high throw recutter (like new); John Deere No. 12 forage harvester with 2 heads (corn head and grass head). Call 301-334-9059.

For Sale - Model 101 John Deere one row mounted corn picker. Attachments to fit John Deere A, B, 50, 60, 2010 and 3010, Farmall H & M Tractors. Excellent condition, under roof, Price $450. 215-346-7340.

For Sale - Hi-Boy Sprayer (Hahn) plus custom trailer plus truck $4995. 215-348-9236 (eve.)

For Sale - 14T JD hay baler with injector, 10 hp Wisconsin motor, excellent condition. Being used in field now. Phone 301-472-4173.

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Used M-M M670 Diesel Tractor with wide front.

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Co. Inc.
Lebanon, Pa.
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A.C. WD Tractor w-2-B 14" mounted plow and mounted 2-row cultivator $1450.00.
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Garden Master garden tractor w-plow, disc and cultivators $370.
Garden Tractor w-cultivator $70.00.
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164 acres, 135 tillable clay loam soil. More land can be leased. Long barn with 94 stanchions with 72 on 2" pipeline milker. Mow conveyor and 22 x 60 silo. Excellent 9 room OHA heated home with 1 car garage. Trailer hook-up for second home. This farm is in top condition and asking only $100,000.00 with owner financing.

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For Sale - Stave silo, 14 x 50, with unloader in excellent condition, best offer; JD 39 3 point sickle mower; Ferguson 3 point harrow; Ford 510 hay crimper. PH: 717-235-4534.

For Sale - John Deere Hay Conditioner. Good condition. Call 215-298-2444.

For Sale - Myers blower sprayer with Wisconsin engine, pivots from side to side, $1500; FMC flatbed tomato harvester, bulk bin trailer, holds 6 boxes. Richard Hess, RD1, Liverpool, Pa. Phone 717-444-3958.

For Sale - 15 hoe John Deere disc drill in A-1 condition. Ph: 215-257-7786.

For Sale - 2 piece antique threshing Machine in good condition and working order. Won first prize in Bloomsburg fair farm show in 1957. Phone 717-759-3207.

For Sale - Oliver tractor Model 70. Phone 717-687-8217 after 6 PM.

Wanted - working one horse mowing machine. Call collect 814-234-0487.

For Sale - Allis Chalmers 2-row cultivator $100; 3500 gal. tank trailer suitable for water or liquid fertilizer $200. Trailing weed sprayer best offer. Phone 215-536-5011.

1968 INT. Model 82 Combine, ex. cond. $3,000.
1972 N.I. 1-Row Corn Picker, Model 323, ex. cond. $2,500.
1976 Mid West Unbaler (for round bales) never used $1500.
Silage Conveyor, 55 ft. long, as is $125.00.
Century Field Sprayer, 100 gal. barrel, good cond. $200.

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Farm Equipment

Wanted - 5 bottom trailing automatic plow; also 3 point lift for MM G1000 Vista. 717-534-1253. For Sale - section rotary hoe, $175 AMP DG portable complete with engine, $250.

NEW EQUIPMENT
Pequea hay tedder ground drive PTO models
Pequea manure spreaders, ground drive
Wagon gears

USED EQUIPMENT
Pequea hay tedder ground drive PTO
600 gal. heavy duty tank, suitable gas, oil, etc.
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Farmall Cub w-new Woods rotary
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J.D. 420 w-PS and 3
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Several 8N's and 9
A.C. 782 Chopper heads
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Ford 501 Mowers
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Quakertown, PA 18951
215-536-4046

1967 4020, V8 Cumm 135 H.P.
1967 3020 gas def. $5,150.00.
930 Case Diesel Com King Standa $3250.00.
70 Diesel and 4 bot plow $2000.00.
801 3 pt. hitch 3 pt. 730, $450.00
Wide front for 7 $450.00
11', 13' AW Deere D
16', 18' Deere f cultivator (o Demo).
1967 E Gleaner approx. 400 h looks like new b heads $8750 00
1967 55 All optio including air 1 Hrs. $9500.00
1972 6600 - 1967 105 - 19 C II all have co heads
We believe Combines are cleanest you have e seen. If disappointed will pay for trip don't sell junk E Ohio we will pay ½ freight or will deliv

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Phone 419-668-4595

Walker at prayer breakfast

WASHINGTON, D.C. - The regular meeting of approximately 25 members of Congress for the Congressional Prayer Breakfast recently featured Congressman Bob Walker as the speaker. He represents Lancaster, Lebanon and Chester Counties.

Walker, who has been a member of the bi-partisan group since taking office last January, spoke on the Biblical theme "Judge not, that ye be not judged."

"A Congressman is often in a position to critize other individuals without having first 'walked a mile in that man's mocassins.!'" Walker said.

"In turn, as elected representatives of the people we are often critized by those who do not understand the complexities with which we are faced."

Walker concluded that the Christian religion and a personal faith in Christ provides a bridge to reaching a greater understanding of the concerns and problems of other men.

"For us as legislators, that kind of bridge is essential," he stated.

The Congressional Prayer Breakfast is held each Thursday morning in the Capitol. The legislators share prayer together and listen to a talk delivered by one of their membership or other Members of Congress invited to speak.

"Yes" vote urged in beef referendum

CHICAGO, Ill.--The chairman of the National Live Stock and Meat Board urges the nation's cattlemen to register and vote "yes" in the upcoming Beef Referendum.

J. Merrill Anderson, a Newton, Iowa, livestock producer, called the Beef Referendum "the best means the industry has of strengthening beef's place in tomorrow's market."

Registration for the referendum began June 6 and runs until June 17. Cattlemen must register at their local county ASCS office and return there to vote from July 5 - 15.

Anderson noted the Meat Board's long-standing support of the Beef Research and Information Order. Meat Board directors have served on the industry-wide Beef Development Taskforce (BDT) since its origin and the Meat Board has devoted staff time and resources to the BDT campaign, he said.

"Our directors recognize this as an outstanding opportunity for the beef industry to do something about the problems that have plagued it for years," Anderson said. "Those of us who have served on the Meat Board know only too well the need for additional funds to combat the health-scares and 'eat less beef' that are eroding consumer demand for our product."

The Meat Board and its Beef Industry Council have been the industry's research, education, information and promotion arm for the past 55 years, Anderson noted. "We expect to be a potential contractor with the new Beef Board in these areas when the referendum passes," he said.

Anderson urged beef producers not to assume the referendum will pass even if they don't vote, noting that it requires a two-thirds majority for passage.

"A no-show is the same as a 'no' vote," he said. "This issue is too important for the industry for any cattleman to stay at home. Everyone must stand up and be counted if we are going to keep beef king."

Farm Equipment

anted - WFE for 720 JD. hone 215-767-3936.

USED EQUIP.
Farmall M
JD MT Tractor
JD 2010 W. Loader
8 Used Manure Spreaders
600 Gal. Girton Tank

NEW
(On Display)
MITEY MAC SKID LOADERS
NEW TRACTORS
AC 7000 with cab
AC 7000 without cab
AC 7040 power shift
AC 185
AC 5040 & 5050
NEW EQUIPMENT
AC F2 Combine
NI manure spreaders - Waiver Til Nov. 1977
NI 707 Uni-Harvester
SHARTLESVILLE FARM EQUIPMENT
RD 1, Hamburg, Pa.
215-488-1025
H Daniel Wenger, Prop.

USED EQUIPMENT
Mechanical transplanter, pull type and 3 pt. hook
NH 55 hay rake, 404 crusher, 68 baler
NI mower w-PTO transplanter, pull type crusher, late model.
Int 5 bar rake and mower w-PTO, pull type, 2 pt. hook
Blowers, Kools, M-F
Boggs potato graders
Silo fillers No. 7 and 9 - Int.
Papec 16" and 19"
Nicholson hay tedders
Brillion packer-seeder
Myers comb. mower-crusher
Wisconsin engines 18-55 hp.
AC engines, 24 hp.
Frick thresher machine, 28"
No. 10 NI corn picker, pull type, 1 row
JD mounted 327 NI corn picker, 2 row
Smoker elevator
MC 7' rotary scythe
2 row 3 point hook cultivator
8 and 12A NI manure spreader
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TOM WHEARY & SON
717-687-6553

USED EQUIPMENT
A.C. Hay Conditioner
IHC Hay Conditioner
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IHC-N.H.-A.C. Balers
USED COMBINES
J.D. 95 w-corn & Grass Head
M F. 760 w- (1) 4-Row Wide (1) 6-Row Narrow & 15 ft Grain Head
A C MG w-2 Heads
USED TRACTORS
M.H. 33
J.D 2010
A.C D19
A C D17
A C. WD 45
IHC 606
IHC 544
IHC 340
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Quarryville
Phone 786-7318

Dairy Equipment

New Holland 456-455 mowers
New Holland Super 68 balers, reconditioned
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New Idea grass mower
Mc ground drive mowers
Mc resetting plows
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JD 290-999 corn planters
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CB 800 with hydraulic sharpener
CB 700 with hydraulic sharpener
HA 1000 hay pickup head
4-6-8-10 ton wagons

Special Mention
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MC 770 7'3" cut
MOWER CONDITIONER
$2,950.00

Century Sprayers
Vicon and Pequea Hay Tedders
Custom built manure pit elevators
Zimmerman Elevators
Hawk Bilt Manure Spreaders
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1890 SP Forage Harvester
Model 8 Forage Boxes
676 Manure Spreader
Mowers and Rakes
320 Baler
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880 Pickup Head
460 & 461 Haybines
34 ft. Elevator
S 717 Forage Harvester
Bale Thrower
(2) Bale Wagons, Complete
MISC. USED EQUIPMENT
7½ H.P. Drying Fan
Brady Hay Conditioner
J.D. 350 Mower 3 pt.
Oliver 520 Baler w-thrower
IHC 46 Baler w-power unit
Starline 710, & 830 Spreaders
10' Dunham Cultimulcher.
ROYAL BRUBAKER SALES + SERVICE
770 Woodcrest Avenue
RD3, Lititz, PA
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Farm Equipment

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36 ft., 48 ft., and 60 ft. diameter. 12 ft. depth, circular precast concrete with gunite coated interior.
Mar-Allen Concrete Products
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A.C. 180 Gas
Ford County 4 wheel Drive
806 IH Diesel, WF $6,950.
Super C Farmall w-loader $925.
A.C. WD 45 $1,350.
Used 2 row J.D. Harvester
A.C. 720 Harvester 2-row
New Deutz F2L-912 Diesel Engines 20-32 H.P. Electric Start $2,235.00
New & Used Deutz Diesel Engines at Special Prices. Call for details.
STAUFFER DIESEL INC.
312 West Main Street
New Holland, PA
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USED EQUIPMENT
JD 2020 Utility, Gas
JD 730 Diesel
Ferguson 30 w. Blade
Bobcat SM610 Skid Loader
2 Bean Trailer Air Blast Sprayers - Cheap!
M-M 20 Unicombine with 10 Ft. Grain Table
JD RG4 3 Pt. 4-Row Cultivator
JD 290 & 246 2-Row Pull & 3 Pt. Corn Planters
NI 751 Hay Conditioner

NEW JD 4230 TRACTOR IN STOCK!

Many used Lawn & Garden Tractors & Various Horsepower

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SPERRY NEW HOLLAND
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JD 4020 cab, 68 model
JD 3020 WF, D
JD 2020 WF, D
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Int. 966 cab, original, 1500 hours
Ford 8000
Ford 7000 cab
Ford 7000 row crop, WF
Ford 5000 row over-hauled
Ford 5000D, new tires
Ford 5000D, 1970
Ford 5000D
Ford 4000 gas, row crop 1964
Ford 4000 gas, 1964 row crop
Ford 8N
Cat crawler - D2
Ford 3 bot. 16" plow
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Chrysler industrial engine for Beane sprayers
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FORRESTER BROS. FARMS
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Phone 717-263-9705

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M.F. 135 Gas Tractor
Leyland 384 Diesel Tractor
Gehl 2500 Skid Loader
M.H. 82 Combine
(2) M.F. 510 Diesel Combines
M.F. 300 Dsl. Combine
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Authorized Service Station for:
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Exchanged Units Available for all Diesel powered Farm Equipment
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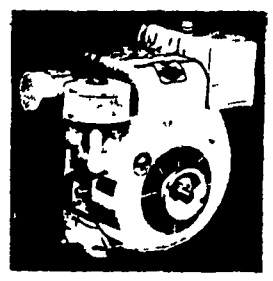
Briggs & Stratton
NEW
From 2 H.P. to 16 H.P.
Also same used
SALES & SERVICE

Location: On Churchtown Road Between Route 322 Mountain Top and Cambridge, 1½ miles from 322, ½ Mi. from Cambridge.
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4 seat Hershey Transplanter in excellent condition, with large tank, only $395.
HAY BALER
John Deere hay baler. Body & frame in excellent condition. Needs some work on small gears to put into good running condition. Priced to sell at $250.
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John deere 400 diesel back hoe with large front end loader. In excellent running condition. Priced to sell at $7700.
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Farmall 706 Diesel
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M.F. 165
M.F. 30
Ford 532 baler
A.C. G w-plow and cultivators
M.F., McCormick and J.D. 4-R Planters
M.F. 82 Combine w-cab
J.D. 45 Square Back Combine
J.D. 40 Square Back Combine
IHC 82 Pull Type Combine
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M.F. 60 Pull Type Combine
N.I. 2-R pull type pickers, wide and narrow row
Shellers for 2-R Pickers
ELMER GOCKLEY
Reinholds, RD 1
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NI horse side delivery rake, exc. cond.
M-F 135 gas w-loader, PS, differential lock, good rubber
NI hay conditioner w-large wheels
10' Brillion cultimulcher, late style, good condition
Ford 3 pt. mower No. 515, like new
NI No. 206 ground drive manure spreader, excellent
Call only after 7:00 PM
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NOW AVAILABLE
150,000 Watt
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PTO Alternator
Motorized units of gas & diesel also available. Any size. Single & three phase models & automatic controls. Installation Available.
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White 4 row corn Planter
White 6 row corn Planter
Brillion 12 ft. Field Cult.
Brillion 12 ft. 8 in. Cultimulcher
Brillion 13'6" Culti-Mulcher
White 253 11'4" Disk
White 251 9'3" Disk
White 10 Ft. Chisel Plow
Gehl 95 & 120 Model Mixers
White 2-60 Tractor
White 2-70 Tractor
White 2-105 Tractor
N.I. Forage Blower

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212 Flail Spreader
Gehl Forage Box
Gehl F188 Forage Harvester
MILLER EQUIPMENT CO.
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New Fuel Tanks and Pumps

All Types Available
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Case 970 w-cab, fully equipped, power shift, less than 2000 hours.

J D. 1973 500-C Backhoe-Loader w-Cab, 1800 hrs. Good Condition $12,000.

IH 3444 Back-loader, 1969 $6500.00

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RD1 Spring Mills, Pa.
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NEW
New Holland 850 roll baler with manual wrap - $4900.00
New Holland bale mower, hyd. push off - $170.00
New Holland crop carrier with cross conveyor - $2400.00 with 7 ton running gears and floatation tires, adjustable tongue. Tires 11L x 15 x 8 ply - $700.00 - Total: $3100.00

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BIG SAVINGS ON BETTER—BILT SPREADERS
CALL
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IH 47 Baler, good condition $1295.00
John Deere 14 Baler with thrower, good condition $895.00
New Holland 276 Baler, good condition $3,295.00
New Holland 271 Baler w-thrower $1,000.00
Oliver 720 Baler, w-thrower, good cond., $1400.00
N.H. 985 Combine w-13' Platform & 4-Row cornhead, good shape $12,000.00

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TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.

Shop & Road Service
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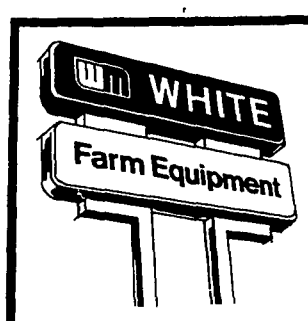

USED TRACTORS
Oliver 77 Gas
Oliver 88 Gas
Oliver 770 Gas

NEW EQUIPMENT
White 2 70 Diesel Tractor
White 2 85 Dsl w/cab
White 2-105 Diesel
White 251 Disc Harrow 9 3
White 252 Disc Harrow 10 4"
White 252 Disc Harrow 12 8"
White 253 Disc Harrow 13'7'
White 283 Sp Harrow 12'6'
White 543 Corn Planter 4R
White 348 SAR 3B Plow 18"
White 508 CT 4B Plow 18
White 548 SAR 6B Plow 16"
White 285 Field Cult 12 6'
White 285 Field Cult 16'10"

Bush Hog 5 3 pt Chisel Plow
Bush Hog 7'3 pt Chisel Plow
Bush Hog 8'3 pt Chisel Plow
Bush Hog 1432 Disc 9
Bush Hog 1432 Disc 10'3"
Bush Hog 1436 Disc 11'6"
Bush Hog 1438 Disc 13'10" w/mid west harrow

Brillion 7' 3 pt Chisel Plow
Brillion 16' Transport Harrow
Brillion 12'6' Field Cultivator
Brillion 8' Cultipacker
Brillion 12' Cultipacker
Brillion 10'4" Pulvi mulcher
Brillion 5' Shank Sub Soiler

Vicon 3 pt Fert Spreaders
Little Giant 34' Elevator
Hanson 200 gal Sprayer

USED EQUIPMENT
Oliver 242 Disc, 13', 44 Disc & 7½" spacing
Oliver 252 Disc, 21'6" Wing w/9" Spacing
Oliver 3242 3B-14' 3 pt Plow
Oliver 575 4B 16" Hyd reset Semi-mtd plow
Oliver 565 4B-16" Cush Trip Semi mtd Plow
Sauders D2 Manure Loader
Niagara 15 KW Generator PTO
Gehl TR600 2R Corn Head
Gehl HA900 Hay Pickup
Brillion 8' Grass Seeder
Fox 425 Harvester w/1-R cr. hd & Elec Sharpener

USED OLIVER 1755 DIESEL TRACTOR NARROW FRONT, OVER-UNDER TRANS. NEW ENGINE, NEW TIRES. $10,500.

FREE FINANCE ON TRACTORS AND IMPLEMENTS SOLD WITH TRACTORS TIL OCTOBER 31, 1977

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RD4, Ephrata, Pa
717-354-4271

Store Hours
Daily 7 30-5 30
Sat 7 30-3 00

Farm Equipment

For Sale - Forage boxes 7 bale throw racks. Ph: 717-547-8062.

Farm Equipment

For Sale - Plateless JD 4 row corn planter, 2 yrs. old. Ph: 717-547-8062.

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A.C. 220 Diesel

J.D. 4010 Diesel
J.D. 430
J.D. B, 3-pt. hitch

Farmall 656 Diesel
Farmall 460 Diesel
Farmall 340
Farmall MD Diesel
Farmall M

Oliver 1950-T Diesel
Oliver 1550
Oliver 770
Oliver 88
Oliver Super 77 Diesel

M.F. 265 Diesel w-22 hrs.
M.F. 1100 Diesel w-1400 hrs.
M.F. 50

Ford 4000
Ford 900
Ford 6000 Diesel

IMPLEMENTS
J.D. 9' Transp. Disc
A.C. 7' Disc
IH 12 boot Grain Drill
IH 56 6-row Planter
IH 56 4-row Planter
A.C. 2-row snap coupling Planter
J.D. 464-A 4-row Planter
A.C. 390 Mower Conditioner, A-1 Condition
IH 8' Haybine

COMBINES
A.C. Gleaner E w-grain & corn heads
A.C. Gleaner F w-grain & corn heads
IH 815 w-grain & corn heads
M.F. 72 w-grain & corn heads
New Idea 7' Rotary Scythe

SPREADERS
A.C. 299, 180 bu.
N.H. 260 bu.

C. J. WONSIDLER BROS.
ALLIS-CHALMERS SALES & SERVICE
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One used 655 Case Windrower
One used 955 Case Windrower
One used Moline pull type Windrower
New Hesston PT 10 windrowers

CLAIR J. MYERS
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Open evenings till 9

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Model 9N Ford tractor
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Model 214 JD wire tie baler
Model 47 Int. baler w-thrower
Model 440 Int. baler w-thrower
Farmhand grinder-mixer
Model 400 JD grinder-mixer

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Rentals available on new N.H. Equipment

NEW CASE TRACTOR INVENTORY
$400 Off on any 43 h p to 80 h.p Case Tractor Rental of Case Tractors 43 h p to 155 h.p.
Model 990
Model 995
Model 1070
Model 1210
Model 1410

UNI-LOADERS
1816
1830
1845D

NEW HOLLAND EQUIP IN STOCK
495 Haybine
1495 SP Haybine
273, 315, 320 Balers
258 Rakes
718, 770, 890 Forage Harvesters
256 Rubber Dyna Tynes
L225 Loader

USED EQUIPMENT
BALERS
NH 268 w/PTO thrower
NH 269 w/PTO thrower
NH 271 w/PTO thrower
HAYBINES & MOWERS
NH 460 Haybine
NH 469 Haybine
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Lely 6 Wheel
N H. 55
N.H 259
MANURE SPREADERS
NH 675T triple beater
NH 676 single beater
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Case 800
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MISCELLANEOUS
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FOR SALE

(1) New Deutz Diesel Engine, Model F2L-912, 32H.P., 12V starter, Generator, Belt Guard, Speed Adjuster, Air Cleaner, Throttle Control and a 1⅝" stub shaft..... $2,300.00

SUTTON EQUIPMENT CORPORATION
Huntingdon Valley
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QUARRYVILLE, PA PHONE (717) 786-2146

- Farm Gates
- Head Gates
- Calf Creep
- Steel Fence
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- Steel Buildings
- Automatic Wagon Hitch
- Ritchie Waterers
- Electric Gates
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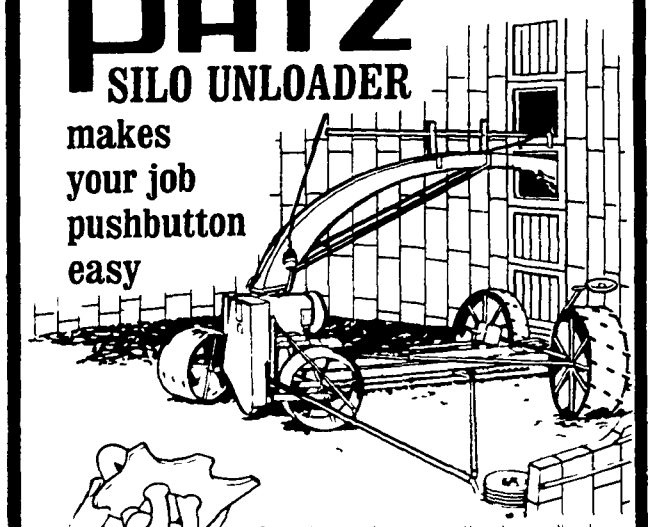
SILO UNLOADER
makes your job pushbutton easy



Spring tensioned power cutter trims all silage from silo walls High capacity blower handles maximum silage volume easily hardened steel gathering chain with cutter and raker deliver the toughest hay Option I spout available for lifting unloads when filling In

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AGRICULTURAL INDUSTRIAL EQUIPMENT CO.

NEW IDEA FARM EQUIPMENT
SPERRY NEW HOLLAND
Fullbon
ALLIS-CHALMERS

In Stock [22] 1977 Lawn & Garden Tractors

New Holland Interest Free Til 8/1/77

Our Shop now moved into our new building on Rt. 273 East of Rising Sun.

TRACTORS
(3) John Deere 4320's, Good Cond. on yard
Farmall 240, g c quick Hitch
Case 570 D good condition
Case 600
David Brown 885 Gas, 1976, Like new
1975 David Brown 995, Orange Bottom, Like new
VAC Case, fair condition

MISC. EQUIPMENT
278 Baler w/Thrower Ex
N H 269 Baler w/thrower
A C 320 Baler w/thrower
N H 281 Baler w/thrower
N H 282 Baler w/thrower
Oliver Baler w/thrower
IHC 440 Baler w/#10 thrower

New Holland TR70 Combine In Stock

(1) N I Used Picker
N I Grinder attch
(2) N H T330 Trencher (40% off)
N H 1048 SP Bale Wagon Ex Cond
(2) A C Blowers
Papec Blower
J D 215 SP Mower Conditioner
Used W... SOLD 5 3 pt Rotary Cut...
J D 115 Chuck Wagon
J D 215 Chuck Wagon

(2) A C 600 4 Row corn Planter w/Liquid Fert
1976 A C. No Till 4R Planter w/Fert. & Monitor, like new
A C. 6-R conventional Planter
IHC 91 Combine w/10' head
Case 1665 Combine, Ex. Con., Cab & Air, 15' grain Hd., PU Reel, w/Robot header. 4-40 Cn Hd. big cap. At reasonable price
N H. 818 SP Harvester, GM Diesel, WPU, & 2-row
A.C 720 Forage Harvester w/corn hd
(1) J D 494A Planter, Good Cond w/fert
Used Gehl Forage Wagon
N.H. 1880 SP Chopper Pick of Head, Cat Dsl. SOLD
(10) Used Garden Tractors, all makes & H.P.
1976 Field Queen, std. 250 hrs 3-30 corn head, WPU 12' hyd Drive Also Direct cut head, never used. All like new. Will sell separate
(2) Used Discs
Fox 546 Forage Harvester
Fox 2000 Forage Harvester
(2) N H. 461 Haybine
(4) Used Spreaders

NEW ALLIS CHALMERS TRACTORS INTEREST FREE TILL 11/1/77

NEW TRACTORS
All H P Available
NEW EQUIPMENT IN STOCK
All Sizes Woods Mowers
(2) Brillion Chisel Plows
Brillion Transport Harrows 12' to 20'
(3) N H Skid Steer Ldrs
(9) N H Haybines in Stock 7 & 9 ft 12 ft SP & PT
(6) N H Chopper
(2) N H Round Balers
(1) N H Grinder Mixer special price
N H Spreaders Box & Tank
(4) N I Cut/ditioners 7 & 9'
N I Spreaders, all sizes

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Immediate Financing

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J D 110 Lawn & Garden 10 H P.
J D 56 Rider w-28" Mower
J D 55 Riding Mower
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Snapper Riding Mower, 5 H.P , 1 yr-old, 26" cut
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Ford 100 Tractor w-mower
F.10M GE Tractor w-mower
1975 Yamaha 650 w-electric start
WENGER IMPLEMENT INC.
The Buck, PA
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EQUIPMENT FOR SALE
N H 469 Haybine
N H Super 69 Baler
J D 434N Corn Head
SPREADERS:
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N H 518
N H 345 Tank
IH 175
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IH 400 Diesel
IH 460 Diesel
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Ford 4000 SU Diesel
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John Deere 4430 tractor, power shift
1800 Massey-Ferguson tractor
1969 Ford C8000 truck w-16 ft. grainbed & hoist
440 Mustang loader
225 International hay swather
9 tooth Glenco soil saver
27-1/2 Glenco field cultivator
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Used IH 6 row corn planter
Used A.C. 4-row No-Til Corn Planter
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Used N.I. 2-row wide picker w-sheller and husker units
Used LM 438 Corn Head
(New) Model L or M 13" Grain Header
Used A.C. 5B Hyd. Reset Plow
MECKLEY'S DALMATIA
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Herndon

Farm Equipment

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PARTS and SERVICE
NEW HOLLAND 1469 SELF-PROPELLED HAYBINE
NEW HOLLAND 282 BALER W-THROWER
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Division of Hesston Corporation
FACTORY DIRECT SALES - PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet
"The Best of the West Now in the East"
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CHECK OUR LATE MODEL TRADE INS:

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FIELD QUEENS
AVAILABLE

(2) J.D. 3800 Forage Harvester w-2R Corn Heads Narrow, & Pickup, (1) with Elec. Controls.
N.I. 702 Uni Diesel, 729A Sheller, 3 row 30" Corn head, Ex. Cond. 1200 hrs.
702 Uni w-760 Chopper, Grain combine, new 13' platform, 2 R corn head & Pickup.
J.D. Model 40 Self-Propelled Combine.
J.D. 400 Backhoe Diesel, low hours, cab, ex. cond.
15 ft. Woods bat wing rotary mower.
260 Massey Ferguson Chopper w-windrow and 2-row corn head - like new, Elec. Controls.
N.H. 1880 new Cat. engine, Hydro, 3-30" corn head, WPU
Super D Fox, ex. cond. corn hd., hay hd. & Snapper hd.

Spring house cleaning of all PTO Harvesters w-corn Heads & Pickups, Fox, N.H. & Massey.

REDUCED
$4,000.00
CASE W10 FRONT-END LOADER

(3) (4) Fox Forage Harvesters pull type.
(1) (2) 1972 MAX 1, SP, Dsl., 3-30" Dr. hd., WPU

STOP IN AND SEE OUR NEW UNITS ON DISPLAY

N.H. 1880 Die. Hydro., Cab, 3-30 WPU, Ex. Cond.
Gehl Forage Wagon w-dual wheels, good cond.
(1) 880 N.H. 9 knife chopper, hay hd., corn hd.

FIELD QUEEN
1190 Enterprise Road
East Petersburg, PA.
Lancaster Co. 17520
Call Frank Walters
717-392-7795
or Res. 717-733-3665

Farm Equipment

USED EQUIPMENT

(1) No. 315 Combine w/12½ ft. grain platform w/pickup reel and 227 corn head. A-1 condition.
(1) No. 141 Combine w/12' platform and pickup reel
(1) No. 141 Combine w/12' platform bat reel

MECKLEY/DALMATIA
Dalmatia 758-3021
758-6491

USED FORAGE EQUIPMENT
Used Gehl 16' Self-Unloading Wagon, 2 beater
J.D. No. 125 3 btr. Self-Unloading wagon with roof
Fox Harvester w-2-row Head
N.H. Hopper Blower
A.C. Long Trough Blower w-pipe & PTO
Used N.I. 701 Uni w-Combine 11 ft. Head
Used Farmall Super C Tractor
Used Farmall M Tractor
Used 4-R Pittsburgh Cultivator
Used J.D. KBA 12' Disc, New Blades, like new
(2) Used J.D. KBA Discs
(2) Used McCurdy Grain Boxes on N.I. running Gears
Used N.H. Grain Box
Used N.I. 5 Bar Hay Rake, nice
Used Hesston Stakhand 10
Used J.D. 3-16" Mtd. Plow
Used IHC 3-16" Plow
Used 5' Brillion Rotary Mower
Used Brillion 6' 3 pt. Rotary Mower
Used N.I. Spreader Model 17, real nice
Used 1400 Hesston Manure Spreader (used only 8 mos.)
(2) Used JD Wagons w-14' beds, 30" sides

Hesston 5400 Round Baler
$2,995.00
1 only

New & Used Windrow Turners
New Supply Bush Hog 5, 6 & 7 ft. Rotary Choppers

SPECIAL PRICE
HYDRA-MAC MODEL 8C LOADER, $6,350.00

New Century Sprayers in stock with 200, 300 & 500 Gal. tanks
New New Idea Augers & Elevators in stock
New Lamco 18' Bale Rack Wagons
New Athens Model 131 9'6" Flexible Gang Disc
New Kill Bros. Grain Boxes, hyd. Augers available

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Farm Equipment

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USED EQUIPMENT FOR SALE
SPECIAL
(2) John Deere 2640 Tractors
45 Roundback combine $2200.00
1 - J.D. 145A 3-14 Plow $950.
1 - John Deere A Tractor $800
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NH 717 harvester, corn head and direct cut, 9 knives
Farmall 656D
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A-C C w-cultivator
Farmall H tractor
Farmall 140 w-100 mower
Int. 2424 Tractor w-100 mower
NI rotobar rake
JD 1240 plateless planter
Int. 3 pt. mower
Ford mower
NI PTO spreader
NI 4 wheel horse spreader
New wagons
Roto cutters 7' and 4' pull type

HAROLD L. SAMPLE
717-786-3087

USED EQUIPMENT
●1650 Oliver
●Case 5-Bot. Plow, Semi-Mtd.
●6 Bottom MF Plow
●Ford 850 w loader
●MF 5-Bot Plow, Semi-Mtd.
●Case 4-Bot. Mtd. Plow
●JD 40 Tractor With Cult
●Newfield 345 w. loader
●DC Case Tractor
●Case 1537 Uniloader
●Case 32 ft 6 in. Auger
●NI 310 Corn Picker
●Grove Forage Box with Running Gear
●MF Flail Chopper
●Wood Bros., 1 Row Picker
●MF 1150
●JD 227 Mtd. Corn Picker
●Colby 2 beater Forage Box with Running Gear
●JD 237 Mounted Picker
●John Deere 530 Tractor
●IH Loader
●Hesston PT 10 Windrower
●2 Case 555 Windrowers
●Ford 4-Row Corn Planter
●John Deere 2 Row Planter
●John Deere MT
●Hesston Stakhand 30
●990 David Brown
●Selectomatic 990 David Brown
●165 M-F Diesel, 1450 hrs., Like New
●JD 4-Bot. Trailer Plow
●PT 10 Hesston Windrower - Like New

HARVESTERS
● IH 55 Harvester
● Case 300 Harvester
● 600 Gehl Harvester

★ 8 Used Spreaders to Pick From! ★

SPECIAL PRICES ON FIELD SPRAYERS

case

ZIMMERMAN'S FARM SERVICE
Bethel, Pa
Phone 717-933-4114

Farm Equipment

For Sale - Oliver 1800 tractor W F E fully equipped, excellent condition. Case 4 btm 16" mounted plow; parts for semi mount. Phone 717-925-2006 after 8 P.M.

MF Massey Ferguson
J.D. MT Tractor w-2-row Cults. & 2-row hoers.
Farmall 706 Tractor w-fast hitch
Farmall M Tractor
Farmall A Tractor w/cults. & roll-over plow
Ford 9N Tractor
A.C. 2B Roll-over Plow
M.F. 260 Forage Harvester 1 yr. old, '76 Model, Remote controls, 2R corn hd, 2R Snapper hd., 6' Pickup hd., elec. knife grinder.
Gehl 72 Flail Chopper
Gehl 88 Blower
A.C 6 Row No-Til Corn Planter
A.C. Gleaner A combine with 12 foot head with hume reel
Gravity Bin
200 Gal. Sprayer
Check our special prices on these good used disc harrows:
IH 470 disc harrow
Frick 12 ft.
Case offset transport
A.C. Transport
J.D. offset

NISSLEY FARM SERVICE
Washington Boro, PA
717-285-4844

GOOD SELECTION OF DISC HARROWS AND PLOWS

TRACTORS
IH 1456 w-cab
IH 766 Gas
IH 660 Diesel
IH 350 Gas
IH 175 Crawler-Loader
J.D. 4230
J.D. 4020, Power Shift w-cab
J.D.3020, 1970 mcSOLD
J.D. 2520 Gas
J.D. 2510 Diesel
J.D. 2020 Gas HU Hodel
J.D. 830 Utility 200 hrs.
Oliver 1655 Diesel
Case 1030 Comfort King
Case 930 w-cab
Versatile 118 4-wheel drive
COMBINES
Gleaner F
Gleaner E III
J.D. 55 Square Back
J.D. 45 Square Back
J.D. 42 Square Back, Pull Type
J.D. 25 Pull Type
M.F. 410, Like NSOLD
M.F. 300 w-quick tach heads
M.F. 82 Combine
IH 205 w-cab
Case 660 w-cab and air
GRINDER MIXER
NH 352, Real Good
Gehl 120, Real Good
Gehl 65 MX
Artsway 420

NEW IDEA 2-R NARROW PICKER W-SUPER SHELLER

GUNTHER HEUSSMAN, INC.
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Emmaus, Pa.
18049
215-965-5203

JOHN DEERE
J.D. 5020 w-Dual wheels & cab
J.D. 4020 Side Console WF-w-cab
J.D. 4020 narrow front
J.D. 820 Tractor
J.D. 60
J.D. 60
J.D. G
IHC 500 C Series Crawler Loader
IHC H Tractor
(2) J.D. 112 Lawn & Garden Tractor
M & W Grain Dryer
J.D. 4400 Combine w-4R cr. hd. & Platform
J.D. 55 Combine w-Platform & 2-R corn head.
J D. 24T Baler w-thrower
J.D. 24T Baler
N.H. 67 Hayliner Baler
N.H 66 Baler
M.F. Hay Crusher
J.D. 1240 Plateless corn planter
J.D. 1240 Plate Planter
J.D. 494A Planter

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
PH: 301-452-5252

CFH
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Bullion · BUSH-HOG
GANDY · HOMELITE
LAWN BOY · LELY
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NEW EQUIPMENT SPRING SPECIAL PRICES

Stk. #1225
J D 100 7'10 ' 3 pt Disc
List $1269.94 SALE $950.
Stk. #1275
GLENCOE SSPA-9 11 Soil Saver
List $5367.97 SALE $4750
Stk. #1712
BRILLION BRC 440 4 Row Cultivator
List $2044.83 SALE $1550
Stk. #973
J D F-145 6-16 Semi-mounted Plow
List $3443.89 SALE $2895.
Stk. #1075
BUSH HOG 1315 RW15' Bat Wing Rotary Mower
List $5313.86 SALE $4750
Stk. #1713
BRILLION BRC 630 6 Row Cultivator
List $2466.86 SALE $1995
Stk #1087
J D 1850 39 Field Conditioner
List $3741.35 SALE $2950

USED EQUIPMENT
Tractors
J D 4430 Power Shift
J D 4010 G Tractor
MF 11000
(2) J D 830 D Util 3 cyl - 1 Sold.
J D 820 Util , 3 cyl D
AC "C" w/Plow & Cultivator
Corn Head
(2) J D 444, 4 row, wide
Plows
J D 5-16 ' semi-mounted
Oliver 6-16 semi-mounted
Chisel Plow
(1) J D 1600, 12'
Corn Planters
(3) J D 1300, 6 row
J D 494A w/fert
Disc Harrows
J D 230 21'4"
J D 210, 14'3"
J D KBA 10
Spring Tooth Harrows
J D 12', pull type
Roller Harrows
Brillion 13'8"
Row Crop Cultivators
J D RM4 , 4 row Sold
J D RG4
J D RG, 6 row
J D RG40 Sold
(2) Lillisten 4 row rolling cultivator
Grain Drills
J D FBA 17x7
J D FBA 13x7 Sold
Loaders
J D 46A
Rotary Mower
J D 307 3 pt

CFH, Inc.
East Main Street
Cecilton Md 21913
301 275-2195

Farm Equipment

J.D. 9' Spring Harrow.
A.C. Transport Disc Harrow.
N.I. No. 206 Ground Drive Spreader.
N.H. 675 sgl. btr. spreader w-hyd. end gate.
N.I. 702 Gas Uni-Tractor.
N.I. 702 Diesel Tractor.

ROY H. BUCH, INC.
EPHRATA
717-859-2441

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7 to 5:30, Fri. Til 9
Sat. Til 4

USED EQUIP.

TRACTORS:
Farmall Super M
Farmall M
Farmall H
JD 430 W
460 D Utility
IH 450 Farmall
Farmall Super H
Farmall B275 D w/loader
MF Pony with Rotary Mower
AC Model C Tractor w/plow & cult
MM 602 U
MF 40D Loader & Forklift
MF 65 Gas w Freeman Loader
Case Model 1816 Skid Loader

HAY EQUIPMENT
Sickle Bar mower for JD A or B
47 Int. Baler with thrower
IH 4 Bar Rake on Steel
IH 45 Baler
IH 1000 Fast hitch mower
JD Mower to fit H or M
NH Mower for H or M, Pull Type

TILLAGE:
AC 9 ft Disc Harrow
(2) 5 Bottom Oliver hyd reset
JD 345 5 bottom plow with hyd. reset
IH 560 6-Bot plow
9' IH offset Disc Harrow
12' Mounted Harrow
IH 12' pull type Harrow
9' Glenco trailing Chisel
IH No 55 13' Trailing Chisel
9' Trailing Chisel plow
Oliver 2 Bot Trailing plow
IH 3 Bot Trailing plow
IH 70 4 Bot Trailing Plow

MISCELLANEOUS:
JD 15 x 7 Grain Drill
16 x 7 Single Disc Ontario Drill
Gehl Model 190 Feeder Wagon
NH 375 Batch Dryer, 3 phase
JD 3 pt Hitch Spinner Spreader
10' Ezee Flow Lime Spreader
JD 707 10' Rotary Mower
11' Chattanooga Single Packer
10' Chattanooga Packer
Sauder Loader & Scraper For Ford
11' Brillion Packer with Transport
Lamco Forage Wagon

PLANTERS:
JD 6 Row Plate planter w liq fert
IH 4 Row Cyclo planter
JD 2 Row 3 pt plateless Planter, No Till Attach
IH 449 4 Row Planter

FIDELITY ELECTRIC
ALTERNATORS

SEE US FOR:
- DeLaval
- Vicon Spreaders
- FMC Bean
- Butler Jamesway
- IH Parts
- SunFlower Disc Harrows
- MC Dryers & Equip
- Archway Dion Forage Wagons

Farm Equipment

IRRIGATION EQUIPMENT
NEW & USED PUMPS, PIPE, SPRINKLERS & ACCESSORIES
Also
NEW AND USED BALE KING BALE BODIES AND RUNNING GEARS.
GERALD BODMAN
RD1 Catawissa, Pa. 17820 717-799-5306

USED TRACTORS

4769	8000 Ford Diesel
4571	5000 Ford Diesel, Selecto-Speed
4677	4000 Ford Diesel, Selecto-Speed
4939	3000 Ford, 8 Speed Transmission
4940	Farmall H
4929	Farmall 504
	Farmall B2-75
5036	Oliver 1750, Clean
5035	M.M. G 1350, excellent
4917	John Deere A
4789	154 Cub Low-Boy
4961	3000 Ford 8 speed, like new
4957	Ford 4500 Loader & Backhoe

USED EQUIPMENT

4496	No. 68 New Holland Baler
4516	Offset 80" Woods Rotary Mower
5034	Grove Forage Box, mtd. on F700 Ford Truck

Much more equipment to choose from, all makes. Also large selection of new Tractors and Equipment.

STRALEY FARM SUPPLY, INC.
1760 East Canal Road, Dover, Pa. 17315
717-292-2631 or 717-292-4443

COMBINES WITH CABS

J.D. "55", 12 ft. Platform
J.D. 3300, 10 ft. Pickup reel
N.H. 985, 12 ft. Platform
M.F. 510, 4 row 38 C.H.
J.D. 45

AGWAY
AGWAY, INC.
CHAPMAN EQUIPMENT CENTER
CHAPMAN, PA. 215-398-2553

JOHN DEERE
Nothing runs like a Deere

USED FARM EQUIPMENT	NEW FARM EQUIPMENT
John Deere 4430	J.D. 2640 Tractor
John Deere 2510	J.D. 336 Baler
Farmall Super MTA w-PS & Live PTO	J.D. 1209 mower condition
Farmall 400 Diesel	J.D. 7000 Corn Planter
J D 4400 Combine	N H. 477, 479, 495, & 1495 SP Haybines
N H 479 Haybine	N H. 1400 Combine
J.D 780 SP Mower Conditioner	N H. 845 & 850 Balers
24 ft. flat goose-neck trailer w-racks	N.H. 354 & 357 Grinder Mixers
500 Gal. Esco Bulk Tank	Bobcat Skid Steer Loaders
Used Vacuum Suppliers	Richardton High Dump Wagon
	Glencoe Soil Savers

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Phone 717-263-4103
MUELLER Bulk Milk Coolers
SPERRY NEW HOLLAND

Farm Equipment

CRAWLER TRACTORS Case 310 Loader $1795.00; Case with Winch $1275.00; John Deere 2010 Loader $2850.00; John Deere Mc Blade $665.00; Int TD9 Loader $1850.00; Allis Chalmers HD6 Loader $2950.00; Oliver HG $725.00; Oliver DC3 Blade $1785.00; Oliver OC12 $775.00; Cletrac pulley PTO $495.00; Cletrac Blade $1175.00. New Idea Cutditioners, Hay Bines, Balers, Mowers, Crimpers, Rakes, Fluffers, Tedders, Elevators, Choppers, Rotary Mowers, Crimpers, Rakes, Fluffers, Tedders, Elevators, Choppers, Rotary Mowers, Flail Mowers, Motor driven Mott Mowers, Harvesters, Fox Harvester with Pick up and Corn Head, Rotary Hoes, Transplanters, Weeders, Chisel Plows, 1-2-4 Row Cultivators, Lilliston Rolling Cultivator, Cultipackers, Grain Drills, Massey 8 Ft. pull type Combine, Cub Tractors with Mowers, or Loaders, Lots of 3 Pt. Equipment, Grinder Mixers, Fork Lifts, Trenchers, Road Graders, Wood Chipper, Pay Loaders and Hundreds of Tractors to choose from.

CLYDE E. KEENER
Intersection of Rts. 72 & 283
Lancaster, Pa. 17601
Phone (717) 569-9861.

Farm Equipment

NEW IDEA MF case GEHL
Gets into your system

A. L. HERR & BRO.
Quarryville, Pa. 17566
717-786-3521

NEW EQUIPMENT

MASSEY FERGUSON: 468 corn planter (4 row); 43 plow (3 btm.); Post hole digger; 54 Blower, 720 Tandem Disc. - Balers
CASE: Chisel Plows; Uniloaders Mod. 1740-1816-1830-1845, Discs - offset and Tandem; 1070 w-cab 1210 P.S., 1210 Stand, 2-990's.
GEHL: CB600 Harvester, FB 99 Blower, Forage Wagons, Round Baler, Demo., 120 Grinder Mixer, 170 Mixer Feeder, 6-8-10 ton running gears. - 880 windrower
NEW IDEA: Fert. Spreaders, Spinner Type; Manure Spreaders; uni-system & attachs. Cut-ditioner, rakes
MISC.: Plows 4, 5 & 6 Bottom. Pittsburgh 12 ft. Disc, Dunham Cultimulcher, 5 & 6 Ft. Rotary Cutters, Satoh Tractor, McCurdy Gravity Bins.

COMPACT TRACTORS NEW & USED
Case, New Idea Elec., Gravely

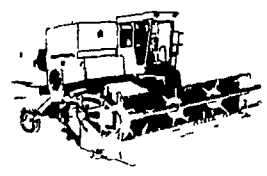
— USED EQUIPMENT —

TRACTORS
Case 730 CK Diesel
Farmall 400
Case D-B 990
Case 400B
Case 1010 Combine
Farmall C

SPREADERS
N.I. 212, 213, 214, 202
M.F. 160

MISC.
Ford 2 Row Planter
Model 33 Case Backhoe 24" bucket, good cond.
Case Tandem Disk
Oliver Superior Grain Drill
Case Flail Chopper
N.H. Hay Elevator
12' Pitt. Disc
Forage Boxes
J.D. 207 Rotary

SKID LOADERS
Case 1737 and 1537



BETTER HURRY
THE RIGHT CONNECTION
NEW COMBINES ARE GOING LIKE
HOT CAKES

815 Diesel Hydrostatic with float SOLD er bar and 4 row Cornhead.
715 Diesel Hydrostatic with 13 SOLD form and 4 row Cornhead.

COMING IN
815 Diesel Hydrostatic with 13 ft. platform and 4 row Cornhead

USED COMBINES
403 Diesel Hydrostatic with 1[SOLD]tform and 4 row Cornhead.
315 Gas with 1 ft. platform and 2 row Cornhead.

USED TRACTORS
F-1066D with cab-new tires
F-100 Hydro-400 hrs.
Super MTA
J.D. 1010
574 Gas Utility
806-Diesel with duals-excellent
706-Diesel

USED HAY & FORAGE EQUIP.
I.H. 550 Harvester with hay pickup and 2 row Cornhead
J.D. No. 6 Forage Harvester
I.H. No. 20-C Chopper
46 Baler with kicker
440 Baler with Kicker
Massey 3 pt. Sickle Bar Mower

NEW IH FORAGE HARVESTERS, FORAGE BOXES, BALERS, RAKES, AND BLOWERS IN STOCK.

— WAIVER OF FINANCE ON 464, 574 and 674 TRACTORS —

C.H. MANIFOLD INC.
New Park, Pa.
717-382-4272

BALDOR ELECTRIC MOTORS

Warehouse and Factory Service.
For Service Call 717-354-5566.

BALDWIN ELECTRIC MOTOR DIVISION, INC.
Box 232
Honey Brook, PA

SPECIAL OF THE WEEK
40 USED
STANDARD COMFORT STALLS
INCLUDING BOWLS
$12.50 EACH

EQUIPMENT FOR SALE OR LEASE

Chisel plow - 10 tooth
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel manure spreader
Forage Wagons
Forage Blowers

SHOW-EASE STALL CO.
523 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

QUALITY
HAY WAGONS & FLAT WAGONS

8x8x18 **8x16**

ON STOCK

8 TON RUNNING GEARS AVAILABLE

STEVENS MANUFACTURING
RD 1 Stevens, Pa. 17578
215-267-6974

Farm Equipment

For Sale - Gehl Forage Wagon, NH 36 Flail Chopper. Both good condition. Wanted - Mulch Hay to mow. Phone 215-932-8579, Oxford, Pa.

USED EQUIPMENT
J.D. A Tractor
Farmall Super C w-loader & Equip.
J.D. 40 Combine w-Grain Head
M.F. 510 Combine w-Grain Head
M.F. 410 Combine w-Grain Head.
J.D. 14T Baler w-Engine
Hesston 56 Round Baler
Hesston PT10 Mower Conditioner
J.D. 300 Husker
J.D. 115 Chuck Wagon w-running gear
J.D. 1640 Disk 12'6"
J.D. AW Disc 11'
J.D. 15' Roller Harrow
J.D. F125 4-16" Plow

WENGER IMPLEMENT INC.
The Buck, PA
717-284-4141

Farm Equipment

For Sale - Int. 76 combine PTO bin type, in good condition, 65 ft. JD mow conveyor, JD 8 ft. pull type disc, 8 ft. pull type culti-packer, JD 44 2 bottom 14" plow. Call 215-346-8409 after 3 PM.

For Sale - New 3 row 35" cornhead to fit F or K Gleaner combine $4250. Used 4 row 38" cornhead to fit Gleaner G combine. Used 6 row 30" cornhead to fit G combine. Phone 717-649-5141.

MF Massey Ferguson

USED EQUIPMENT
Farmall M
Farmall H
Farmall C w. cult.
Int. 300
Int. 504 w. NI Loader
JD A
JD B
MH 44
MH 44 w. Loader
Ontario Grain Drills
JD Grain Drills
NI Haybine
AC WD 45 Tractor
MF 65
MF 40 w. 34 Loader
Case 411 B Tractor
NH 78 Baler w. Thrower
Int. 46 Baler w. Thrower
Weed Sprayer
JD Hay Fluffers
MF 750 Combine
MF 510 Combine
N.I. 403 Rake

NEW EQUIPMENT
MF 120 Baler
MF 128 Baler
MF 760 Combine
MF 1085 Tractor
MF Rakes
NI Cornpickers
MF 245 Tractor
Wagons with Flats
Grimm Hay Tedders
MF Mowers
NI Elevators

MF 200 FORAGE HARVESTER
CALL FOR SPECIAL PRICE!

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Box 68
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215-683-7252

Farm Equipment

NEW AND USED automated grain drying systems. Grain bins, feed mills, elevator legs, auger and in-bin drying systems. Sales and erecting service. G.M. Sherwood, RD 1, Montgomery, Pa. Phone 717-546-5100.

For Sale - Deutz tractor - Model 130.06, 130 hp, 120 hours, cab, 18.4 x 38 tires, $17,000. Call after 6 PM 609-825-0212.

Farm Equipment

For Sale - Late model hay pick-up head for Fox forage harvester, good condition. PH: 717-367-0428.

For Sale - New Farmhand hay rake on steel; new steel wheel wagon, running gear. Menno C. Nolt, RD1, Leola, Pa. 17540.

For Sale - Terramatic silo unloader, 12 ft., $800. Phone 717-367-5215.

HAY & FORAGE SPECIALS

BUYERS' SPECIALS!

78 Cultivator, 6R, Front Mtd. KD*	$1900.00
990 Mower Conditioner, 9 Ft., KD*	$3795.00
CUB 144 Cultivator, KD*	$235.00
IH 1300 Mower, Bal. Hd., 7' Cut, KD*	$975.00

USED EQUIPMENT!

IH 375 Windrower	$4,800.00
Hesston 9' Conditioner	$1,495.00
IH 550 Forage Harvester, 2 Heads	$1,875.00
IH 400 Cycle 6 Row N Air Planter	$4,600.00
IH 153 6-Row Cultivator, 3 pt. hitch	$1,200.00

DEMONSTRATED . . .
650 Field Harvester with Pickup Head, Direct Cut & Blow $4,295

*KD = Knocked Down

SCHOENECK INTERNATIONAL EQUIP.
Oakwood Lane at Rt. 873 Schnecksville, PA
(215) 437-4813 or (215) 767-3806

TRACTORS

12 HP Wheel Horse w/mower & sleeve hitch	$900
12 HP 3 gang reel mower - TORO	1000
Ferguson T020	1100
Oliver 88 w/2 row cultivator	1200
Ford Jubilee, excellent condition	2500
Ford Jubilee, w/step-down transmission nursery tractor	2900
Kubota 17 hp. Diesel w/loader, like new	3000
Ford 851	3200
Super Dexta D	3500
530 Case overhauled	3600
HD10 Allis-Chalmers crawler dozer, GM diesel	special $4900
John Deere 3020 diesel - being overhauled	6900
Ford 5000 diesel, completely overhauled	6900
630 Ford combine 4 row head, 12" grain head reconditioned	14,000

EQUIPMENT

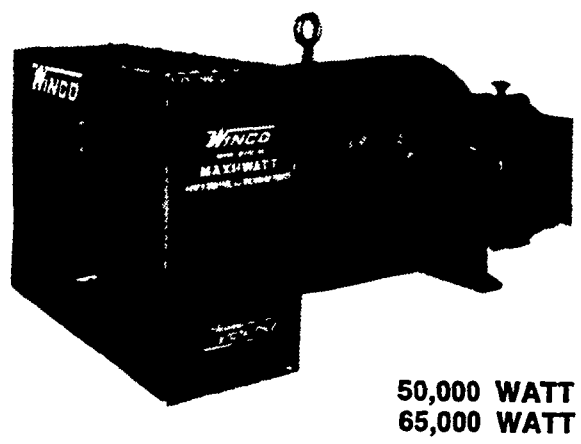
Ford 510 Hay crimper	$125
John Deere mounted picker	200
New 2 bottom plow, 3 pt. hitch	450
New 5½' disc. 3 pt. hitch	450
6' brush mower tire drive	550
3 Gang Roxy mower	600
Ford mounted one-row picker	650
MF 8½' disc 3 pt.	650
New Ford 618 forage blower	850
Case 300 forage harvester, 1 row	865
Ford 311 planter, 4 row w/fert. hopper	1100
New Ford 208 bushel manure spreader	2500
New Ford 535 mower conditioner 9'	3400
New Ford 532 baler, hitch and chute	3500
New Hesston 1010 Hydra-swing mower conditioner	4900
New Hesston 7020 forage Harvester, one row and 5' pickup head	5500

(2) new Ford LGT 16 hp., hydrostatic
list: $2569 sale: $1926
(3) new Ford LGT 10 hp.
list: $1784 sale: $1338

Del-Mar Ford Tractor
Rte. 42 Just West Of U.S. 13
Cheswold, Delaware
(302) 678-8484

New!!! for 1977
30, 50 and 65 K.W.
P.T.O. Generators

WINCO PTO GENERATORS THE WORLD OVER



50,000 WATT
65,000 WATT

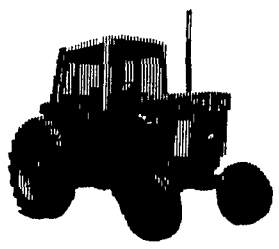
THE OCTOPUS
WINCO's exclusive new power plug-connect or disconnect the standby load with one convenient plug. This plug saves on installation costs. It is rugged and heavy duty for years of long service and is the ultimate in convenience.

PTO GEAR DRIVE MECHANISM
Precision ground helical gears eliminate potential service problems of shorter lived chain link drive.

30 K.W. Generator
50 K.W. Generator
65 K.W. Generator

LEONARD MARTIN COMPANY
330 Fonderwhite Road, Lebanon, PA. 17042 Phone: (717) 273-6478

Farm Equipment



NEW TRACTORS IN STOCK
674 Diesel Row Crop
574 Gas Row Crop
574 Diesel
464 Diesel
364 Diesel
Farmall 686

NEW EQUIPMENT
IH 16x7 Grain Drill
IH 990 Mower Conditioners
IH 110 Forage Wagon
Woods Rotary Mowers in stock
122 Disc Harrow 6'9"
370 Disc Harrow 11'6"

USED EQUIPMENT
IH 504 Diesel Tractor
IH 574 Tractor w-2050 Loader, Like New, 250 hrs.
IH No. 37 Baler w-thrower
N.H. 460 Haybine 9 ft.
Farmall Cub w-Rotary Mower & Fast Hitch

Waiver of Finance On New Equipment
LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

Farm Equipment

SPERRY NEW HOLLAND — ALLIS-CHALMERS

USED EQUIPMENT
N.H. 283 Baler, like new
J.D. 214W Baler
N.H. 469 Haybine
N.H. 717 Harvester w-corn head.
Gleaner A Combine
M.M. 3496 combine w-4-row corn & grain head.
Oliver 5B Trip Back Plow.

USED TRACTORS
A.C. 200 w-cab
A.C. D15 & WD45

NEW EQUIPMENT

NEW HOLLAND MANURE SPREADERS
Free financing
Till Aug. 1, 1977

N.H. L-35 Skid Loader
10 ft. Miller Disk

NEW TRACTORS
A.C. 7040
A.C. 7000
A.C. 185

NEW YANMAR
2 Cyl. Diesel Tractors In Stock

BHM FARM EQUIPMENT INC.
RD1 Annville, PA
717-867-2211

JOHN DEERE

JOHN DEERE, NEW HOLLAND, JAMESWAY, DELAVAL

HARROWS
J.D. 950 Roller Harrow
J.D. 931 Spring Tooth Harrow
J.D. 210 Disc Harrow 11' 5"
J.D. AW Disc Harrow 12 ft.

BALERS
IHC 430 Twine Baler w-thrower
IHC 47 Twine Baler w-thrower
IHC 37 Twine Baler
Oliver 620 Twine Baler

COMBINES
Oliver 525 Combine w-11 ft. platform and 2-row corn head
Oliver 545 Combine w-13 ft. platform

NEW EQUIPMENT
J.D. 1740 Wheel Harrow 18'
J.D. 220 Disc Harrow 18'6"
J.D. 200 Stackwagon
J.D. 1275 Wagon w-tires
J.D. 415 Rotary Hoe 15'
N.H. 1012 Bale Wagon
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Farm Equipment

MONTH OF JUNE SPECIALS
Hesston PT7 Mower Conditioner
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Brady 840 Crop Chopper
Brady 722 Crop Chopper w-throw back hood
Brillion 16' Transport Spring Tooth Harrow
John Deere 2500 4B-18" Hyd. - Reset Plow
John Deere F1450 5B-18 Plow
All General Electric Lawn & Garden Tractors and Attachments.

Just Arrived.....
John Deere 4230 w-4 post roll guard and power shift trans.

Miller's Sales and Service Salute the American Dairy Farmer during June, Dairy Month.

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MILLER'S SALES & SERVICE, INC.

John Deere-Brady-Brillion, Bush Hog, Hesston, Lely
Stewartstown, Pa.
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JOHN DEERE (Brand new) 4430 cab air power shift (New) 4230 cab air Quad Range, 4230 Quad Range w-Roll guard, used 4630 cab air power shift used 300 hrs., 4630 Singro Range used 4430 cab air like new, used 4430 W-new tires $15,800. J.D. 5010 for $6600.00 used 4230's 4030 w-cab, 4320, 4620 w-cab, 5020, (2) late model Power shift side consul 4020, (3) 1967 & 1968 - 4020's, 3020, 2520, 4010, 3010, 2510, 1020 w-Loader, 5020 Tractor Puller. Case (New) 1070 cab air power shift priced for $17,500., used 970 power shift W-roll guard, used 1070, 1200 four whl. drive W-front blade.

FARMALLS all (Brand new) 1086, 1586, 986, (New) 1566 w-cab air & factory duals list price $30,800., sale price $23,500., 966 w-cab $17,500. Used 1066 gear, 1066 Hydro, 966 w-cab, 766, 1456, 1206, 856, 806, 706, 560, 1206 four whl. drive. Massey Ferguson 1155 w-cab used 300 hrs., 1100 Allis Chalmers 7050, D19. M.M.G. 900, G1000. White (New) 2-85, 2-105. Oliver 1855, 2150, 2050, 1850, 1800, 1750, 1650.

CORN PLANTERS (Specials) New J.D. 7000 four row. New White 5400 four row W-Monitor was $4475. now $3,950. only 1 left, (New) Ford No. 309-3 pt. 4 row corn planter. (Inventory close out on planters) - J.D. 1240 plateless, J.D. 6 row model 1260 plateless W-insecticide & monitor. plateless $1450., 494. Used Int. 4 row 400 Cyclo (nice) $2,600., used 400 Cyclo 6 row W-no till & monitor $3,900., Int. 6 row plate planter $875., A.C. 6 row air W-no till W-insecticide & monitor. Coming in - (New) J.D. 6600 Hill Side W-6 row head, (New) 4430 cab air Quad Range, used 4430 cab air power shift, with 900 hrs.

Just received (New) J.D. 4030 Quad Range W-roll guard, (New) 2840, 2040, used 4230 Quad Range 4 post 920 hrs., J.D. 530 W-3 pt., (New) 4400 J.D. Combine fully equip., used Combines, Gleaner E. AII, Case 660 W-cab, Int. 503 W-cab & both heads. Farmall 656 Hydro. diesel, A.C. XT190. M.F. 180, Oliver 1650 D. W-four whl. drive. N.H. 268 Baler W-thrower. Int. 440 — 47 Balers W-throwers. N.I. 3 row 30" picker.

TRACTORS AND EQUIPMENT just purchased, traded & received, (New) J.D. 4230 W-roll guard, 1970-4020. Singro Range, Massey Ferguson 1130, Int. TD6 w-blade. $1850. Gehl No. 65 grinder mixer, (New) New Idea 272 Cut-Ditioner. 7 ft. New 279-9 ft., used MC 9 ft. rotary scythe, New Holland 717 pick up heads, pick up heads for Int. 55, 550, 555, 650, also Int. 16, 350, J.D. 38, 34 pick ups. Oliver 1950 TW-over and under shift. Farmall 1206 W-no 3 pt.

HAYBINES (New) J.D. 1209 for $3,950., New Holland used 479's, $1,900. & up. (New) Glenco S7 Soil saver Special $3,775, (New) New Holland 1034 Stak Wagon list $12,400 my price $8,900., (New) Lamco 16 ft. Bale wagons. Gleaner L diesel cab air both heads $26,500., MF 510 diesel Hydrostatic drive cab air both heads. Good selection of four row cultivators.

FARMALLS 856 W-cab (sharp), 706 diesel. 400 diesel. Massey Ferguson 300 Combine w-cab Quik Tach w-both heads John Deere 3 point field cultivator. Farmall 1456 W-factory duals, J.D 4010 diesel, Used 4630 power shift W-190 hrs., 4320 four whl. drive, J.D. 6600 diesel combine W-2 heads. Disk harrows Oliver 28 ft. hydraulic wing disk. J.D. 10 ft offset. M.F. 510 diesel Quik Tach combine. J D 4030 cab & air. Oliver 1855 W-800 hrs. J.D. 4620 W-roll guard. (New) M F 300 Combine W-cab Brillion 13 ft. & 15 ft Cultimulchers $1250 (New) Brillion wing harrows. Stoltzfus fertilizer wagon (New), Kill Bros. gravity bins. Farmall 756, 460 Utility

BALERS (New) J.D. 336 fully equipped, N.H used 278 fully equipped, N H 275, 268 all w/throwers

COMBINES - J.D. (New) 4400 D., used 6600 D w-both heads, 7700 D Hydrostat, 95, 45, 4 square backs. White 880 D. w-grain & corn Gleaner K w-cab grain & 2 row corn, F w-both heads, L diesel, G, CII Int. 815 D. w-both heads SOLD. 503, 82 M.F a Quik Tach 300, 410 w-cab 510 D. w-air, older 300, 41 82 w-Cab, N.I. 701 Un tractors w-combines an shellers, 729A and 729 Un Shellers w-3 & 4 row 30 and 40" heads.

CORN HEADS - John Deer 843, 643, 444, 343, 244; 43 434, 335, 235, 234, 20 Massey Ferguson 44, 4 24, 421, 222 for 300 & 9 Gleaner F335, A330, In 763 six row, 227, 3 row fo 38" for 315.

HARVESTERS - Gehl 6 with electric sharpene and 2 heads, John Deer 38 with 2 row corn, 3 New Holland 717.

CORN PICKERS - (New New Idea 2 row pull 30" 40" w-8 & 12 roll beds, used narrow row w-8 & roll beds, 2 nice used row wide w-12 roll bed shellers and Sup shellers, 3 row 30" pi picker with Super shell 319, 305 mounted w-12 r bed & shellers. Sup shellers for pull picker shellers for mount pickers. J.D. 237 a sheller. (New N.H rakes for $1275.

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N H 479 Haybine
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Mott 5 3 pt Mower
J D 483 Mower Conditioner
I H 990 Mower Conditioner
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M F 129 Chisel Plow
M F 160 Spreader
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M F 50A Tractor w/M F 300 Loader
M F 245 Diesel Tractor
M F 880 4B-16' Plow
M F #43 2B-14' Plow
M F 263 Tiller 3 H P
M F 124 Baler w thrower
M F 620 Disc Harrow 19 ft
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M F No 5 4 ton wagon
M F 22 Baler Thrower
M F 42 Mower
M F No 39 Corn Planter
M F No 35 Sub Soiler
M F 50C Tractor w/M F 300A Loader & M F 54A backhoe
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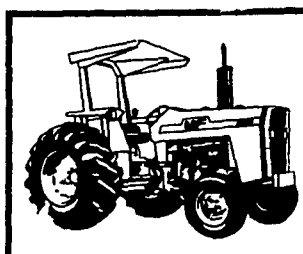

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J D 14T Baler
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IH 1 PR Corn Picker
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574D Standard, 16.9 tires
574D Row Crop

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NI 1-Row Picker, 1 year old
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Many Cub Cadets, 7, 10, & 12 HP
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John Deere 60H Blower $310
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706D, good cond., 16.9 tires
706D, new clutch, batteries

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Lime & Fertilizer Spreaders. New Willmar and boom type spreaders and a few used ones in stock. C.U. Stoltzfus Mfg. Inc. Box 296F, Morgantown, PA 19543 215-286-5146

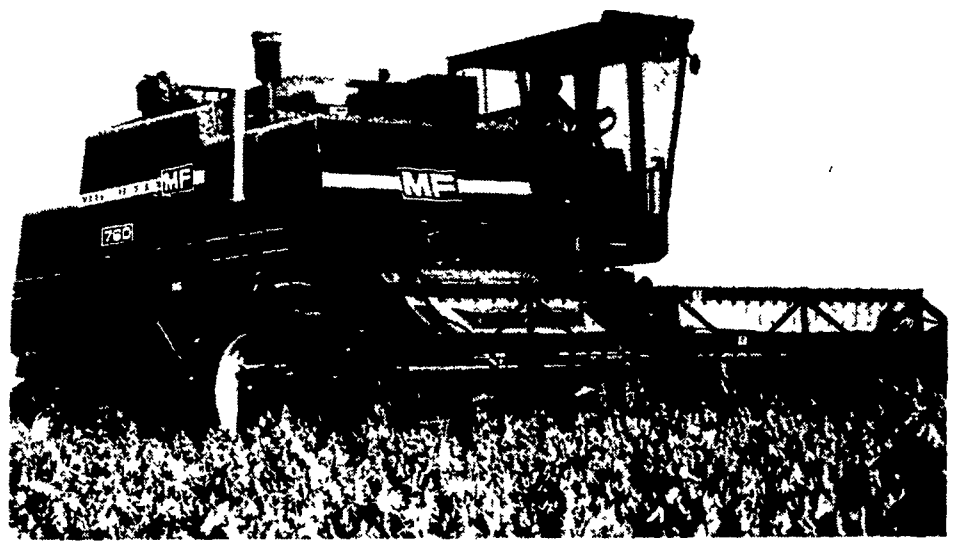
Anderson Automatic Medicator for medication of Poultry & Livestock drinking water. Accurate, Reliable. Failsafe & Trouble Free. Hiestand Distributor, R1, Marietta, PA 717-426-3286

No. 8 & 10 N.I. Manure Spreader on steel for sale, good condition. 106 Waird Walking plow. I will deliver. 215-593-5754

Farm Equipment

For Sale - 1976 Deutz 130-06D, 4 WD, cab and air, all weights, excellent condition, 500 hours. Phone 717-898-7689.

HEADQUARTERS FOR SELF PROPELLED COMBINES



Harvest Special

USED COMBINES

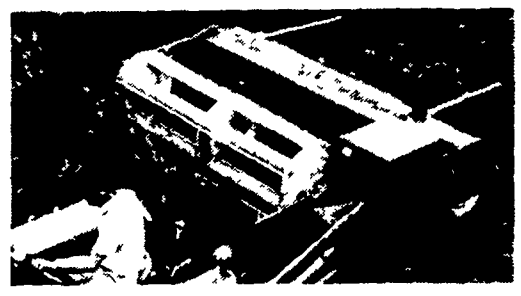
LATE MODELS

MF 760 Hydro Diesel w/16 ft Grain Head and 6-row 30" Corn Head	$32,000.00
MF 760 Hydro Diesel w/6-row 30" Corn Head	28,500.00
MF 760 Hydro Diesel w/16 ft Grain Head and 6-row Corn Head	$32,000.00
MF 510 Diesel w/14 ft Grain and 6-row 30" Corn Head	17,600.00
MF 510 Diesel w/13 ft Grain Head	14,500.00
MF 510 Gas w/14 ft Grain Head	14,000.00
MF 510 Diesel w/13 ft Grain Head	14,000.00
MF 510 Diesel w/13 ft Grain Head	16,000.00

The above Combines are all Quick-Attach and Headers can be exchanged to suit your needs

OLDER MODELS

MF 510 Diesel w/12 ft Grain Head	9,200.00
MF 510 Diesel w/14 ft Grain Head	9,500.00
MF 410 Gas w/12 ft Grain Head	6,500.00
MF 510 Diesel w/14 ft Grain Head	5,500.00
IH 203 Gas w/13 ft. Grain Head, Cab, and 2-row Corn Head	5,200.00
IH 203 Gas w/13 ft Grain Head and 2-row Corn Head	3,900.00
IH 93 Gas w/Cab and 10 ft Grain Head	2,000.00
MF Super 92 w/12 ft Grain Head	3,200.00
MH 92 w/12 ft Grain Head	1,900.00
MH 82 w/10 ft Grain Head	1,800.00
MH 90 Special w/12 ft Grain Head	1,100.00
MH 60 w/10 ft Grain Head	950.00
MH 60 w/10 ft Grain Head	750.00
MH 26 w/10 ft Grain Head	375.00



MF 81 HAYTENDER
You can mow, condition and windrow in one fast operation with an MF 81 3-way Haytender. Adjustable pick up reel combs down or tangled crops for fast cutting The big 9' cutting width lets you make hay faster and the full width conditioning rolls speeds curing time in either swath or windrow

1 ONLY $3250.00

NEW! **760 & 510 COMBINES**
Available for Immediate Delivery

WE HAVE A LARGE SUPPLY OF COMBINE PARTS IN STOCK.

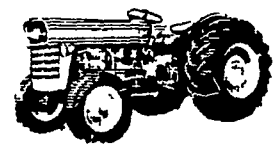
M. M. WEAVER & SONS, INC.

MF Massey Ferguson

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

Hitch up to Massey. MF



USED 1976 MODEL TRACTORS FOR SALE

John Deere 4030	$12,500
MF 1105	14,700
MF 275	8,500
MF 265	9,200
MF 255	7,300
MF 235	5,000

OLDER TRACTORS

MF 178 Diesel	5,500
MF 178 Diesel	4,800
MF 165 Gas	4,600
David Brown 1200	4,500
Ford Diesel w/loader	5,500
JD 1010 gas w/Loader	3,900
MF 1130 diesel	7,500
Oliver 77 gas	750
IH 1212 garden tractor	475

M. M. WEAVER & SONS
North Groffdale Road
Leola, Pa.
Phone: 717-656-2321

Pets

AKC Keeshond Puppies, adorable. Call evenings. 717-898-2598.

For Sale - AKC Keeshound pups, 5 weeks old. Benuel M. Fisher, R.D. 2, New Holland, Pa. Peters Rd., East of Maple Lawn Star.

For Sale - AKC Collie Puppies. Dark sable with beautiful white markings. Both parents can be seen. $65.00 each. 717-733-8106.

For Sale - small black and tan puppies. AKC buff Cocker Spaniel stud service. Ph: 717-872-7642 or 717-872-4232.

Services Offered

Carpenter work. Will build houses, pole barns, cow & horse barns, chicken houses. Will do Block and Concrete work and lay stone. Write Samuel S. Lapp, Christiana, Pa. Box 388, 17509. Call driver 717-529-6674.

DO YOU KNOW? BOVINE MASTITIS IS A MAN MADE PROBLEM.
MILKING SYSTEMS AND MANAGEMENT EVALUATIONS
LLOYD H. RANCK
R. D. 1
Paradise, Pa. 17562
Phone 717-687-6361

Pets

For Sale - German Shorthaired pointer, female, 13 weeks, AKC and field dog stud book registration. 2 champions in 5 generation pedigree. Must sell - $110 Ph: 717-965-2163.

St. Bernard Breeders - If you have a female in heat, I have 2 proven Rottweiler studs in Lancaster Co. 1 located at John S. King, Route 340, White Horse, Pa. and 1 at Sid Martin, RD 2, East Earl. Phone 215-445-5120. You may use my stud's free providing I can buy the pups back from you at a guaranteed price of $35.00 each or Contact JoJo The Dog Man at Root's. Phone 609-452-8903. (No Tuesday Calls)

CASH FOR PUPS
I need Purebred and cute mixed litter lots, 7 to 10 week old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1 Manheim, PA Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.

WANTED TO BUY
Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call before 8 p.m. Mon., Tues., & Thurs. only. 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

Services Offered

Interior and Exterior Painting, Spray, Brush and Roll. Stoltzfus Painting, 3155A Harvest Drive, Ronks, Penna. Free estimates. Call 354-4374.

GLENN B. MILLER CONSTRUCTION CO.
CONCRETE
House Foundations
Retaining Walls
& Trench Silos
"CRANE SERVICE"
PROMPT SERVICE
COMPLETE BUILDING SERVICE
215-562-4895
137 SCHUYLKILL AVE
HAMBURG

ATTENTION FARMERS

Down & Crippled Cattle

Removal Service 7 Days A Week.
Salvage Return When Possible.

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Ernest Fritts

Danville, PA
PH: 717-275-5296
Federal Registration
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g man desires job on tock or dairy farm. John anke, Phone 301-676- in the evenings.

215-445-6186 for free mate and good price of sonally spray painting barns.

table welding and erator service. Harold , 300 S. Cedar St., Lititz, 717-626-2531

Services Offered

SILO REPAIRS

Tear Down
* Rebuild
* Replaster
* Roofs Installed
* New & Used Extensions
* Distributors and Pipes
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* Barn equipment

DAVE DETWEILER
RE 2, Newville, PA
717-776-7533

Custom Work

Custon pea shelling - clean! Midway between Brunnerville and Lexington. Mark Good 306 East Lexington Road, Lititz, Pa.

Backhoe, Loader and Bull Dozer Work, ditches, fence strips, etc. Lester Hess, 717-273-6018.

Custom Work

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small grain, soybeans, corn (wide and narrow rows)

Phone 301-692-5472
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Custom Work

Will do round baling in Morgantown and surrounding areas. Ph: 215-286-6365.

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Custom Work

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Phone 717-569-9328

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Automobiles

Automobiles

Automobiles

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WATERPROOFING

From repairing drafty, leaking walls to complete stucco removal and repointing, exterior restoration of farmhouses is my specialty!

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507 South Spruce Street
Lititz, Pennsylvania 17543

For information or a free estimate, return coupon below

Name _____
Address _____
City _____ State _____ Zip _____
Phone: Area _____
Directions to your home:

Sale - Border Collie s Joe Smoker, ½ mile th of Pool Forge along rchtown Road

C Ehrlich Co., Inc. mite Pest, Rodent and oke control. Lawn and ubbery spraying, Free imates, 1278 Loop Road, caster, PA Phone 717-3722

Custom Work

CUSTOM WELDING
LARGE PORTABLE UNIT
REASONABLE RATES
Phone 215-445-6175

CUSTOM ROUND BALING
Hay, Corn Fodder
CUSTOM CHISEL PLOWING
Within 15 miles of Oxford, PA
Ph: 215-932-5231

CUSTOM COMBINING
Small grain, soybeans, corn; 15 ft. flex cutter bar, 6 row 30" corn. trucks available. Ph: 717-626-6168.

CUSTOM PEA SHELLING

50 cents a bushel - 3 or more bushel
60 cents a bushel - 1-3 bushel
CLEAN JOB
LITTLE OR NO WASHING
PHONE: 717-898-7689

COMBINING-
GRAIN HAULING
CHESTER-NEWCASTLE COUNTY
GREEN COUNTRY FARMS
PHONE: 215-268-8088
Also custom baling and tillage work

The Man with the Direct Line to Detroit

UNBELIEVABLE CHALLENGE

Jack Challenges you to get a better new car buy than he's offering right now . . . you can't beat the selection . . . you can't beat the value.

Stock No 2002
1977 CHRYSLER DIPLOMAT $5678
INTRODUCING THE BRAND NEW CHRYSLER DIPLOMAT. THIS IS THE CAR THE PUBLIC HAS BEEN WAITING FOR AND WE HAVE IT
2 door coupe Caramel tan metallic with gold cloth & vinyl bench seat 318 V 8 engine automatic power steering power disc brakes light package in cluding trunk light ash tray light glove compartment light, fender mounted turn signals and 2 map lights Deluxe insulation package to give you a quieter and more luxurious ride tinted glass air conditioning electronic digital clock, vinyl body side molding complimented by a saddle tan landau vinyl roof AM FM radio FR78x15 white sidewall radial tires You have to see the new Chrysler Diplomat and drive it to ap preciate it

Stock No 4028
1977 DODGE CHARGER DAYTONA $5695.18
BRAND NEW Special Edition 2 door hardtop Cadet blue metallic set off with starlite blue metallic blue vinyl bucket seats with center cushion and folding down arm rest Automatic transmission power steering power disc brakes, standard V 8 engine tinted glass all windows tape stripes AM FM radio wire wheel covers complemented by GR78 x 15 white sidewall steel belted radial tires Only one of this kind in stock

Stock No 5081
1977 DODGE ROYAL MONACO WAGON $5045.36
BRAND NEW 3 seat station wagon Forest green sunfire metallic com plemented with simulated wood grain green vinyl split back bench seats Automatic, power steering power disc brakes, electronic ignition standard V 8 engine AM radio deluxe wheel covers LR78x15 white sidewall steel belted radial tires

Stock No 1185
1977 DODGE ASPEN $3690
BRAND NEW 4 door sedan Regatta blue metallic with blue vinyl bench seats slant 6 cylinder (225 cubic inch) front disc brakes electronic ignition D78 x 14 white sidewall tires

Stock No 0393
1977 DODGE D-100 $4070
BRAND NEW 8 SWEPTLINE pick up 318 V-8 engine power disc brakes electronic ignition 6100 lb GVW package (burns any type gas) Silver cloud with blue vinyl interior

Stock No 0372
1977 DODGE POWER WAGON $5189.52
BRAND NEW W 150 Sweptline pickup 8 box Canadian brown with par chment vinyl interior (full foam seat) 318 V 8 engine automatic tran smission power steering power disc brakes electronic ignition L78x15 mud and snow tires 6100 lb GVW package (burns any type of gas)

Stock No 2013
1977 CHRYSLER CORP. DIPLOMAT $5289
BRAND NEW 2 door Medallion Tapestry red sunfire metallic with 60 40 split cloth seats in grey color complimented with silver Landau vinyl roof and silver hood and body side tape stripes automatic transmission 318 V 8 engine power steering power disc brakes tinted glass all windows AM radio deluxe wheel covers FR78x15 white sidewall glass belted radial tires

Stock No 0420
1977 DODGE POWER WAGON $5405
BRAND NEW W 150 6½ foot Sweptline FOUR WHEEL DRIVE pickup 318 V 8 automatic power steering power disc brakes electronic ignition 6100 lb GVW package (burns any type gas) Alpine white with green vinyl interior

Stock No 7031
1977 DODGE COLT $3359
BRAND NEW 2 door Sport Coupe Bright yellow with black vinyl bucket seats automatic transmission power disc brakes 1600cc four cylinder engine electric rear window defogger 600x13 white sidewall tires E P A rating with automatic transmission 27 mpg city and 35 mpg highway

Stock No 1038
1977 DODGE ASPEN $4849
BRAND NEW SPECIAL EDITION station wagon Eggshell white with 60 40 split vinyl bench seat blue in color Automatic transmission power steering power disc brakes 318 V 8 engine electronic ignition AM radio deluxe wheel covers simulated wood grain on outside full carpeted cargo compartment with 2 locking storage bins in rear F78x14 white sidewall tires

Stock No 1219
1977 DODGE ASPEN $4928
BRAND NEW SPECIAL EDITION SPORT COUPE Caramel tan metallic with saddle tan 60-40 split bench seats Automatic transmission slant 6 cylinder 225 cubic inch engine with new 2 barrel carburetor power steering AM FM radio Parchment landau vinyl roof complimented by a color keyed hood and body side tape stripe & vinyl body side moldings DR78x14 white sidewall radial tires

Stock No 0371
1977 DODGE B-300 $8699.34
THIS IS THE ONLY FOUR WHEEL DRIVE VAN IN LYCOMING COUNTY IN CAPTIVITY WE HAVE BEEN GETTING MANY CALLS AND PEOPLE ASKING ESPECIALLY THOSE IN CON STRUCTION AND SIMILAR WORK WHO HAVE ASKED FOR AN ALL AROUND UTILITY TYPE VEHICLE AND THIS IS IT —Tradesman Van with 127" wheelbase 360 V 8 engine power steering power disc brakes sliding side door anti spin rear axle tinted glass all windows increased cooling high output deluxe heater 63 amp alternator 36 gallon fuel tank passenger set padded instrument panel dash dual low mount chrome mirrors front & rear chrome bumpers convenience package and a heavy duty GVW package Bright red with black vinyl interior This is the truck for the working group

Stock No 7002
1977 DODGE COLT WAGON $4499
One of the few 5 door wagons made today in this size car Bright blue metallic paint with blue vinyl interior automat c transmission power disc brakes 2000cc four cylinder engine electric rear window defogger vinyl side molding AM radio tinted glass deluxe wheel covers adjustable steering column steel belted radial tires

WE JUST RECEIVED 16 MORE SHIPPING NOTICES ON COLTS THAT WILL ARRIVE BETWEEN NOW AND MEMO-RIAL DAY. SO WHY NOT BUY ONE AND ENJOY YOUR HOLIDAY IN A NEW DODGE COLT.

Stock No 4031
1977 DODGE CHARGER $5739
THE BRAND NEW 'MIDNIGHT CHARGER SPECIAL EDITION THIS NEW LOOK IN THE INTERMEDIATE LUXURY CAR IS NOTHING BUT AN ASSET TO THE CHARGER MODELS AND SHOWS THAT YOU HAVE GOOD TASTE 2 door hardtop in Jasmine yellow with gold vinyl bucket seats set off with automatic transmission on console A BRAND NEW FACE IN THE FRONT WHICH INCLUDES A CUSTOMIZED GRILL AND A THICK PADDED YELLOW VINYL LANDAU ROOF Standard V 8 engine power steering power disc brakes tinted glass all windows dual color keyed sport remote control mirrors protective rub strips on front and rear bumpers rallye road wheels com plimented with HR78 x 15 white sidewall steel belted radial tires — Oh I almost forgot the AM FM radio

Stock No 0471
1977 DODGE B-100 VAN $4253.85
BRAND NEW TRADESMAN 109 wheelbase Van Yellow with black vinyl bucket seats windows in rear and side door only slant 6 cylinder 225 cubic inch engine disc brakes 4600 lb GVW package electric ignition

Stock No 02
1977 DODGE W-150 WARLOCK $5987.93
BRAND NEW That s right they re back and we finally have some in stock 115 wheelbase 6½ foot Uniline pickup box four wheel drive 318 V 8 engine (210 h p) 4 speed manual transmission tinted glass all windows Bright red with black vinyl bucket seats and console bright bumpers front & rear chrome stepsides gold pinstriping on hood along side and wheel wells plus tailgate Power steering & brakes 6100 lb GVW package Gold spoked 8 inch wheels with 10 x 15LT four ply mud & snow tires with your special Warlock package This vehicle also available with automatic transmission

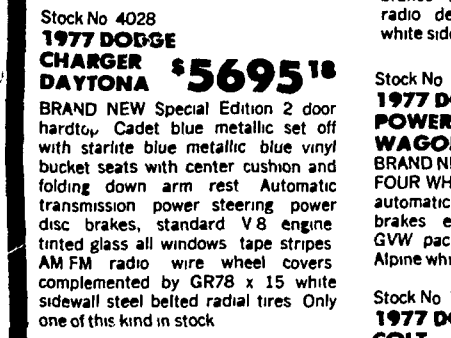
Stock No 1128
1977 DODGE ASPEN $4003
BRAND NEW station wagon You can t beat this price anywhere 2 seat jade green metallic with parchment vinyl bench seats For you economy minded people it has 4 speed manual tran smission with cruising overdrive gear 225 c i d six cylinder with new 2 barrel carburetor disc brakes F78x14 tires

Stock No 5037
1977 DODGE ROYAL MONACO $4577
BRAND NEW 4 door sedan Mojave beige with cloth & vinyl bench seats automatic transmission V 8 engine power steering power disc brakes electronic ignition AM radio GR78x15 white sidewall steel belted radial tires

Stock No 0418
1977 DODGE B-200 VAN $5035
BRAND NEW TRADESMAN 109 wheelbase van Harvest gold with beige vinyl bucket seats windows in rear only 318 V 8 engine power steering automatic transmission power disc brakes dual chrome mirrors chrome front & rear bumpers heavy duty rear springs spare wheel 6100 lb GVW package

Stock No 1160
1977 DODGE ASPEN $4439
BRAND NEW CUSTOM 4 door sedan Spanish gold metallic with parchment cloth & vinyl bench seat torqueflite transmission power steering power disc brakes electronic ignition 318 V 8 engine color keyed vinyl body side molding AM radio deluxe wheel covers D78x14 white sidewall tires

Stock No 0012
1977 DODGE D-200 $4957.78
BRAND NEW ¾ ton Sweptline pickup with 8 box Medium blue metallic with blue vinyl interior 318 V 8 engine automatic transmission power steering power disc brakes 11 clutch elec tronic ignition 7500 lb GVW package 750x16D 8 ply truck type tires



JACK LOWRY
JERSEY SHORE, PA.
Phone 398-1590

direct connection

Artificial Breeding

Maryland Artificial Breeding Cooperative for service to sire power bulls. Call 301-733-7047 24 Hour Service.

PLANTS

For Sale - tobacco plants. Ervin Burkholder, 253 Skyview Lane, Lititz, Pa. Phone 717-626-4669.

For Sale - Cabbage, cauliflower, and broccoli plants. Phone 717-788-3092.

Dairy Equipment

Germania Automatic Take Off. Vanco Sales Company. For information and demonstration Call 717-776 3494 or Write RD4, Box 300, Carlisle, Pa 17013.

For Sale - 400 gallon Mojonnier bulk milk tank, good condition, compressor, controls and automatic washer included, $700, Phone 717-776-3084.

Dairy Equipment

For Sale - irrigation equipment, 1300 feet of 2" and 3" pipe, 16 sprinklers, fittings. Phone 215-693-5389.

1000 ESCO with compressor $2575.00 500 ESCO $875.00 315 Sunset $675.00 300 Darikool self contained $575.00 600 Zero with washer all stainess $1875.00 Trade. 814-793-2829. Curry Supply Curryville, Penna.

FOR SALE
MILKING EQUIPMENT

Six unit DeLaval, 1½ inch glass, around the barn pipeline, new stall claws, also 1½ inch vacuum line, with DHI testing bracket, receiving jars and motors, complete setup.

ROSS SMITH
Monkton, Maryland
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Areas largest packer of premium, custom-pac ice cream, and we are also available for large and small operations.

ELIZABETHTOWN CREAMERY

Plant - 519 S. Market St.
Mailing - 26 Orange St.
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Ph: 717-367-1389

FARM JUGGERS,
LET US MAKE YOUR SWEET CREAM INTO ICE CREAM FOR YOU.

ELIZABETHTOWN CREAMERY INC.
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CECIL DAIRY SERVICE SUPER SALE

ITEM	REG. PRICE	SALE PRICE
Teat Dip (15 gal. drum)	$ 95 34	$ 85.00
Udder Wash (5 gal)	$ 36.68	$ 30 00
Acid detergent (5 gal)	$ 21.54	$ 18 00
Chlorine Sanitizer (1 gal)	$ 2 47	$ 2 00
	($1.00 if all purchases total over	$100.00)
Kow Towels (2000 in a case)	$ 12.00	$ 10 00
Manual Bulk Tank Cleaner (20 lbs.)	$ 13 83	$ 12.00
Sterling Milker Units (w- 55 lb pail)	---Less	10 per cent
Ban-A-Fly Units - electronic fly and bug killers (cover up to 1 acre)	stainless steel & outdoor units	5 per cent disc.

We are new distributors for the new corrugated asphalt roofing material called.
-----ONDULINE-----
Cheaper than metal or aluminum and quaranteed not to leak for 25 yrs Only one sheet size 6'7" x 35", but in colors to suit Ideal for any roofing job Samples on display. Call for prices and availability
BADGER - DELAVAL - MADISON SILOS - CANNON BALL - ONDULINE

CECIL DAIRY SERVICE
RT 274 R D. 1
Rising Sun, Maryland 21911
Phone, 301-658-6923

FERTILIZER

For Sale - Chicken manure from broiler house, Will be ready to take out the last week of July. Phone 717-362-9842.

Mushroom soil for sale in trailer load lots only within 10 miles of Lancaster, $60 per load. Penn Valley Mushroom Farms, 301 North Tulpehocken Road, Reading, Pa. Phone 215-376-0938.

SPECIAL SALE
Dry Poultry Manure. Fresh from the broiler houses. $15.00 per ton plus delivery.
Write Box 27,
Strasburg, PA 17579

FERTILIZER

Attention Farmers - Big Savings on Broiler Poultry Manure. We will deliver any amount, anytime or place in Lancaster County for $10.00 per ton net delivery. Send inquiries to Box 266E, c-o Lancaster Farming, Lititz, Pa. 17543.

SAVE FERTILIZER DOLLARS
By using
POULTRY MANURE
Delivered for $15.00 per ton.

Peat Moss and Mushroom Soil delivered for $65.00 per dump trailer load.
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POULTRY MANURE FOR SALE
COMPOSTED POULTRY MANURE FOR HAY FIELDS.
PHONE 717-927-6251

Wanted - Mulch hay for mushroom compositing. Phone La Conca D'Oro Inc. 717-933-8405 ask for Tino.

Feed & Seed

For Sale - baled hay and ear corn. Ph: 717-548-2618.

Wanted to buy - Mulch hay. Phone 215-268-3391 or 302-999-7083.

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Dealers in mulch hay
We will pick up at your barn.
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FOR SALE
15,000 BUSHEL SHELLED CORN
AND
1,500 BUSHEL OF WHEAT
Call
RICHARD FERRELL
Barclay, Md.
PHONE 301-758-1781

FULL LINE OF TOBACCO SEED BED SUPPLIES
- Tobacco muslin
- Tobacco Seed
- Peat Moss
- Bristles and Fertilizer

Samuel L. Stoltzfus
Box 133
Gordonville, Pa
1 mile east of Intercourse
on Route 340

Feed & Seed

For Sale - 12 acres of grass for hay. H. B. Rohrer, R. D. 3, Columbia, Pa. 17512.

For Sale - Soybeans, Cutler 71. Phone 215-754-7545.

For Sale - High moisture corn, 300 ton. Phone 717-762-7263. Along Route 16, Waynesboro, Pa.

Pasture for Rent - Bred Heifers or cows preferred. Fred Frey, RD2 Quarryville, Pa. 717-786-2146

BUYING & SELLING EAR CORN & GRAIN
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PH: 717-284-4628
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Mt. Joy, Pa.
Ph: 717-653-8846

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SHELLED CORN
Prices quoted are F.O.B. your farm
For Sale: soybean meal
GARDEN SPOT GRAIN
ELMER W. MARTIN, PROP.
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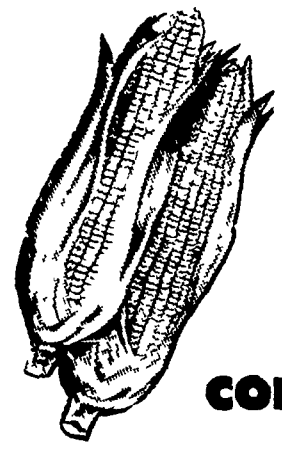
RD1 New Holland, PA
Dealer in Small Grains



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SMALL GRAINS
WHEAT-BARLEY-OATS
Call Now For Our Best Prices
CONESTOGA VALLEY GRAIN
Phone 717-354-9258

Help Wanted

A BRAND NEW PAR... PLAN CO. in Ho... Decorating-Floral Design... opening this area. Earn ... $100 evenings. Displayer ... Top Management Positi... open. (215) 433-2211 or (... 435-6711.

Help Wanted - Full ti... milker, modern par... heated, air cond., day ti... milking. Send resume ... P.O. Box 128, Collegevi... Pa. 19426.

Help Wanted - Man to w... on farm, must be able to ... milking machine, house ... privileges. Call after 7 P... 215-932-2764

Wanted - Dairy Equipm... Salesman, experienced ... person with da... background. Work with ... growing company. M... fringe benefits. Write ... 266 J-6, Lancaster Farmi... Lititz, Pa. 17543.

Married man for Da... Farm. Nice house, h... electric, blue cross, h... shield, milk, ¼ beef per y... provided, every ot... weekend off, excellent wa... to good man. Phone 717-... 9783.

Feed & Seed

MULCH HAY WANTED
Delivered to Avondale, PA or Hauling can be arranged.
Call For Current Prices
215-268-8258 or 268-8259

Help Wanted

rienced person in crop ing and machinery rung. Assistant to field machinery manager. ellent working itions. Housing and fits. Must have ciation for dairy cattle. collect 201-741-4191.

erienced Herdsman- er for Registered Beef e herd Living quarters hed Phone 717-266-2867 Co

g man interested in hersman or herdsman tion on Central yland dairy farm. Write kory-Hill Farm, erco, MD 21155 or call 74-2098 or 239-7326 after

Help Wanted

Full time position open on beef and crop farm. Experience necessary, 3 bdr. house, and benefits. Send reply to T. McCardell, 32 W. Street Rd., West Chester, Pa. 19380.

Farm family needs all around helper for general housework also outside work with vegetable and flower garden. 3-5 days a week in Northern Lancaster Co. Write to Lancaster Farming Newspaper, PO Box 266LI, Lititz, Pa. 17543.

Farm - Estate Manager. House and Utilities furnished. Knowledge farming, livestock, machinery required. References. Reply to: Sam Freeman, Box 95, Far Hills, NJ 07931.

Help Wanted

Position on dairy farm - operation and maintenance of equipment, feeding cattle, and some relief milking. Agronomy background helpful. Salary according to experience and education. Phone 301-673-7979.

Experienced man for dairy and general farming. House available. Phone 717-733-8945. Ephrata.

Wanted - Person with experience in electrical wiring to service grain crop dryers and feed processing systems. Permanent position with opportunity to join young aggressive corporation. Contact - Tam Agri-Corporation, Rte. 1, Mountain Rd., Dillsburg, Pa. 17019 (717) 432-9738.

Help Wanted

Married farm hands for beef & grain farm in Center Co Housing & utilities plus salary. Phone 814-238-1233 after 8.30 P M

Wanted: Lady to care for an invalid woman and do general house chores. Living in could be arranged. Southeastern Chester County farm. Phone 301-398-2417 or write to Box 127 R. D. 8 Elkton, MD 21921

Miscellaneous

For Sale - Galvanized corrugated steel drain pipe 5 ft. in diameter, 21 ft. long. Phone 717-898-8921.

Miscellaneous

For Sale - Wood burning cook stoves. Choose many colors. Earl Coale, RD2 Oxford, Pa. 19363. 717-529-2740.

For Sale - 800 pieces used slate roofing, sizes 10 x 20 and 12 x 24 inches. 20 cents per piece. Ph: 717-935-5295, Belleville.

Livestock Litter For Sale - Kiln-dried wood splinters. Will deliver to Harrisburg, Allentown, Lancaster, York, Phila., Baltimore areas. $15.00 per ton bulk in dump trailer. Approx. 8-10 ton per load. Can mail sample upon request. Phone 717-374-8148 days, evenings 717-374-4394. Ask for Bill Robinson.

For Sale - 3 HP Hobart meat grinder, $500; meat saw, $375; Wellsaw splitting saw, 16", $135; 1 ton electric chain hoist, 110 or 220 volt. $250: 2 cutting and wrapping tables, $100; 9 x 18 cooler with two doors and new compressor, $1500. Phone 717-942-6933.

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Miscellaneous

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For Sale - 7 way baby carriage & stroller combination Excellent Condition. Phone 717-225-3179.

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For Sale - Three school buses, 72 passenger. Reason for selling: lost contract. Phone 215-488-1847.

For Sale - 20 x 60 Harvestore with Hercules unloader (practically new), structure in excellent condition; 20 x 35 Harvestore with Hercules unloader, chains in excellent condition. Send inquiries to P.O. Box 266M-9 c-o Lancaster Farming Newspaper, Lititz, Pa. 17543.

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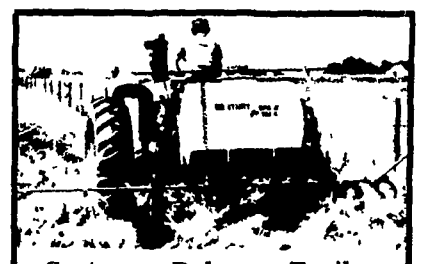

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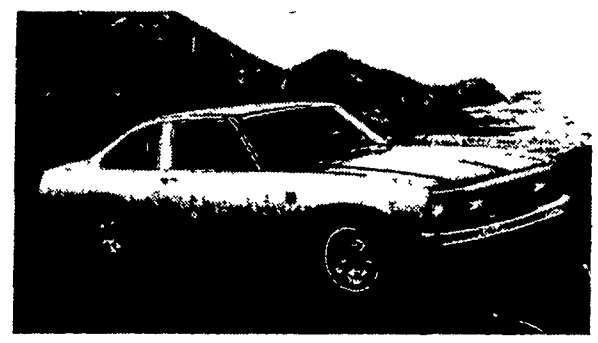

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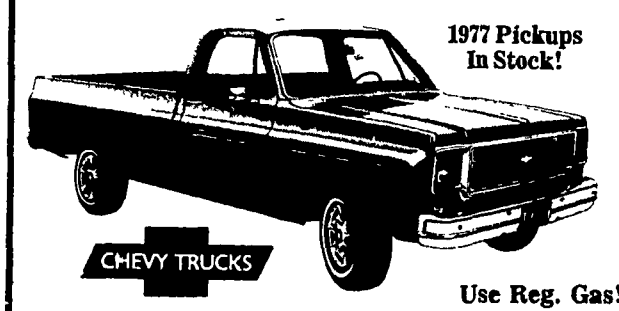

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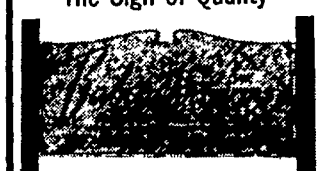
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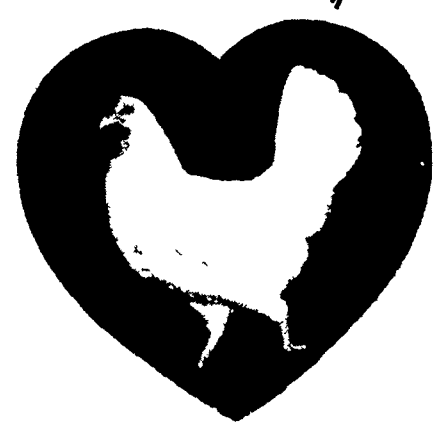
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Black Angus and Black Angus-Charolais crosses, cows and heifers, both bred and open. Call Brookdale Farm, Elverson, Pa. 215-942-3535.

For Sale - Four Duroc bred gilts, mated to a Duroc boar, bred late April and early May, will farrow in mid to late August. Phone 717-733-6694.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

Complete Holstein herd consisting of 20 head in various stages of lactation from Susquehanna County. Complete herd of 21 head from Bradford County. Complete herd of 45 head of Berks County Holsteins. Call collect 717-866-4208, S. K. Norman, R.D.1, Lebanon, Pa. 17042

Duroc Breeding Stock
LAWRENCE ARNOLD
11 E. Maple St.
Myerstown, PA 17067
Ph: (717) 866-7061

Wanted - Entire herd or part of herd of dairy cows or springing heifers. Call 301-358-0412 after 8 p.m.

"Wisconsin and Canadian Dairy Cows for Sale, 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free Delivery. Call collect. Reuben Greenberg, Inc., Columbus, New Jersey 08022 - Phone 609-298-1021."

For Sale - American saddlebred horses, one three-year old gelding and one yearling, excellent bloodlines. Phone 717-359-7460.

Registered Angus cows with calves and rebred. Bloodlines of the highest ranking bulls in national sire evaluation program and reference sires in American Angus Association. Production records. Necessity Farm, Smithsburg, Maryland 301-824-2057.

For Sale - Registered Angus bulls, cows, heifers and Chianina-Angus cross cows and heifers. Ph: 717-872-2436.

For Sale - Six grade Holstein Heifers, one to freshen in August, balance fall. Good size with charts. Phone 717-367-2015.

For Sale - Alpine Dairy goats, 4 does, 1 buck, package deal $350-separately prices vary. Phone 301-885-5457.

For Sale - Herd of Holstein cows, 1700 lb. Milk daily production; 28 large springing heifers starting to freshen now thru August. Phone 717-229-2055.

For Sale - 67 Chevy Van, 14,000 actual miles, good condition, Inspected. Phone 717-225-1064.

Dairy farm needs experienced milker and to do general farm work, house provided, fringe benefits, and time off. References requested. Phone 717-632-0572.

LONG

CONSIGN YOUR USED EQUIPMENT TO OUR LOT

LONG

GOOD DEALS ON NEW LONGS

WE GET IT SOLD

OFFERS ALWAYS CONSIDERED

"SUPER SPECIAL"

New 4' 3 pt. rotary cutters	$395
New 4' pull rotary cutters	$475
New 5' 3 pt. rotary cutters	$445
New 5' pull rotary cutters	$495
New 6' 3 pt. rotary cutters	$595
New 6' pull rotary cutters	$695

GARDEN TRACTORS

AC 10 HP
JD 10 HP
Int 10 HP
MF 10 HP
JD 7 HP
Int 5 HP
[5] Roper 5
Rototillers in stock
[4] Leaf Mulchers

CORNSHELLERS & GRINDERS

[6] Int 234 sheller units
JD 227-237 sheller units
[2] JD 43 PTO portable sheller
[3] MM E portable sheller
[10] NI shellers & grinders for 2 row pull & mounted pickers
MM D portable sheller

CORNHEADS - WE FIT ALMOST EVERYTHING

[6] AC E 240
[2] AC A 240
[3] AC E 111 240
AC A 330
AC FL 330
AC C 430
AC C 440
AC F 430
AC GL440
AC C630
JD 10
[2] JD 205
[2] JD 210
[3] JD 234
[2] JD 313
JD 334
JD 435
JD 443
[2] NH 4x40
JD 643
[8] Mc 227
Mc 733
[2] Mc 10' grain heads
[2] Mc 327
Mc 13' grain head
MF 300 grain head
MF QT grain head
MF 20
MF 22
[2] MF 222
MF 24
[2] MF 33
MF 422
MF 43
MF 621
Oliver 2x40
Int 429 WN

NEW & USED DUALS ON STOCK

TRAILERS

Fontaine 2 axle lowboy trailer - 20 ton	$2900
[2] 1976 Fontaire 42' drop deck	$8500 ea.
New Hudson 2x - 24,000 lb.	Special $3500
New Hudson 3x - 36,000 lb.	Special $4250
New Hudson 1x - 6,000 lb.	Special $1500
[2] Hudson 2x trailer - tag-a-long 8000 lb.	Special $1250
[3] Hudson 2x tag-a-long - 12,000 lb.	Special $2000
[2] Hudson 3x tag-a-long - 12,000 lb.	Special $1750
[2] Hudson 3x tag-a-long - 16,000 lb.	Special $2500
1971 Troyler 40' Flat - bulk head - sliding tandem	$1750
New Horse Trailer for 2 horses	$1875
1977 Delta Combine Trailer - 44'	$11000
Hay Trailer - 40' long	$1500
New Snowmobile Trailer	Special $400
Used 2x Trailer	$1075

CARS & TRUCKS

1976 Chevy Monte Carlo - Landau - loaded	$5000
1975 Chevy Monte Carlo - excellent	
1973 Chevy Malibu-Laguna - excellent	
1975 Cadillac Fleetwood Brogham	
1973 Cadillac Sedan De Ville - super clean	$4500
1977 Chevy Cheyenne Pickup - loaded	
1977 Chevy 4WD Pickup	
[2] 1974 Chevy Cheyenne Pickup	$3300 each
1977 Chevy C30 Rollback Truck - 15' bed	$10,900
1967 Ford Shelby GT500 - 4 speed - sharp	$6500
1968 Ford Shelby GT350 - conv. - 4 speed - sharp	$6500
1976 GMC Customized Van - Midas Touch	
1977 Cadillac Coupe De Ville	
1969 Int. 10 Wheel Dump	$6500
1966 Mack 10 Wheel Dump-Diesel-Clean	$10,300
[6] Motorcycles	
1964 Chevy Impala Convertible	$1275
Ford Cattle Truck	$2500
1972 Int 4WD pickup & snow plow	$2000
1973 Chevy Pickup	$2750
1974 Int 4200 Transtar w/26' Rollback - 318GM	$28,500

MISC. CONSTRUCTION

Bay City 65 Dragline - 50' boom	$5500
[3] CAT 641 Scrapers - 64F series	$17,500 choice
[2] CAT 631A Scrapers	$15,000 choice
5 set Forklift Forks	$150 & up
[5] Backhoe & Loader Buckets	$75 & up
Roll Bar	$400
[4] Sweepers - mounted and self contained	$200 & up
[2] Rubber Tired Roller	$900 each
3 pt. stone rakes	$500 & up
3 pt. aerator	$475
Schramm Air Compressor	$1975
4 wheel industrial carts	$75 each
Franklin 170 Log Skidder - w/Grapple	$5500
[4] 1 ton Rollers	$500-$2100
Pettibone log skidder	$4500
[2] Galion 3-5 ton Roller	$3000
Lorain Truck Crane - Cummings Diesel	$5000

NEW COMBINE CABS AVAILABLE ORDER EARLY

A.C. EIII-F-G-K-AII-CII-E-A
Case 600-700-900-660-960-1010-1060-1660
INT 101-151-181-303-403-503-615-715
J.D. 45-55-95-105-3300-4400
M.F. 410-510-92
Oliver 430-431-542-5542-525-535-545-5525-5535-5545
M.M. 3490-4290-4292-4293-2890-3496-4296

CRAWLER LOADERS

CAT 955 H-powershift - DE	$10,000
AC HD6 w/ripper	$3250
JD 450 1969 - clean	$8900
Case 450 - New Paint - fair	$6500
Case 1150 - w/ripper - fair	$7500
AC HD5 - Detroit Diesel	$2500
CAT 977H - powershift - ripper - clean	$17,000
CAT 983-1971-ripper - 75% UC - clean	$58,000
Case 310	$4000

FORKLIFTS

White - Pneumatic	$3500
Clark 5000 Lb Pneumatic	$1750
Case 580 CK - Super Clean	$7000
MF 204 workbull - clean	$5000

ROTARY MOWERS

Bush Hog 21' w/wings	$2950
Woods 214 - 14' like new	$2500
J.D. 707 - 14'	$1850
NI 2 row stalk cutter	$195
[4] 3 gang reel mowers	$400 choice

BACKHOES

JD 400 - gas - clean	$6500
JD 9300 Hoe attachment - like new	$5000
1972 Case 580B - priced wholesale	$7750
Case 530CK Diesel	$4000
Int 3514D-hydrostatic - late model - clean	$5000
J.D. 2010D - half cab - run good - clean	$5000
Long 3 in 1 - 500 Hours	$8000
Davis Hoe attach for Uniloader	$1450
[2] JD backhoe attachment	$2000
Fordson Major Junked	$1500
Sherman Backhoe Attach	$1000
1972 Case 580B - clean	$13,500

UNI SYSTEM EQUIPMENT

NI 719 Sheller
NI 729A Sheller
NI 726 Husking Bed
[2] NI 710 Combine Unit
[2] NI 713 Grain Head
[2] NI 4x30 Cornhead
NI 3x30 Cornhead
NI 3x40 Cornhead
NI 3x30 Harvester Head
[2] NI 2x40 Harvester Head
[4] NI 2x40 Cornhead
[2] NI Uni Pickup Head
NI 727 Husking Bed

"FARM TRACTORS"

[2] JD 730 Direct Electric - clean	$3750
JD 420 w/power steering	$1750
JD 820 2 cyl diesel	$3000
JD 4020 Diesel WF - powershift	$8500
JD 3020 Diesel - 3 pt	$6500
FARMALL C w/ldr	$1500
FARMALL Cub-Plow-Cult-clean	$2500
FARMALL C	$975
FARMALL 130 clean	$2495
FARMALL Cub w/Cult - clean	$2150
FARMALL Cub w/Woods rotary mower-hydraulic	$2475
FARMALL M w/loader	$1375
FARMALL 350 Diesel	$1475
FARMALL 1256 w/Cab 3 pt-WF	$9000
FARMALL 140 w/sickle mower - clean	$1950
[6] FARMALL 140's - state tractors - some with mowers	$1295 ea.
FARMALL Cub - brand new - F.H. - Woods Mower	$4250
FARMALL Super M - original	$1475
FARMALL 400	$2250
FARMALL M	$875
FARMALL 200-FH-plow-cornplanter-platform-cultivator-mower	Call
[3] AC D21 w/duals - clean - 1 w/loader	$6500 & up
AC 1600 w/MOWER - 340 Hours	$5900
AC D15 w/loader & tamper	$3000
AC 220 w/CAB - clean	$10,500
AC 190XT - cab - sharp - WF	$7900
AC 190xT series 3 w/cab - sharp - WF	$8900
AC D17 - gas - power steering	$2750
[2] OLIVER 1655 G&D - WF - over under shift - clean	$6500 $7500
OLIVER 1650D	$4900
DEUTZ 9006 - WF - clean	$750
FORD 5000 4WD - diesel - new tires	$850
FORD 4000 - diesel - try-clean	$500
FORD 8N - WF - 3 pt	$167
FORD 5000 - WF - gas - original	$500
MM G1000 - diesel - WF	$450
MM G900 - diesel - WF	$570
Case 1470 w/cab - 3 pt - pto	$15,00
Case 930 w/cab - excellent	$490
PLAINSMAN 4WD w/cab - 3 pt - pto	$12,50
LONG 360 List 6292	Special $499
LONG 360	List 633
LONG 460	List 67
LONG 460 4WD	List 787
LONG 460 4WD	List 811
LONG 560 DEMO LIST $8282	Special $590
LONG 560 List 8282	Special $69
LONG 560 4WD	List 972
LONG 560 4 WD	List 99
LONG 1100 List 12569	Special $10,7

COMBINES

BEST SELECTION WE EVER HAD OF SHARP COMBINES

NI 702 Uni Outfit	Coming
MF 410	Coming
MF 82 w/cab	Coming
MF 300 w/cab	$500
JD 7700 Diesel	Ca
MF 205 w/cab - 10' Grain - Clean	$580
MF 300-cab-fire damage	$275
JD 30 pull type Combine	$185
J.D. 45 - cab - clean	$375
Mc 82 pull type Combine - excellent	$350
Mc 91 - Very Clean - excellent	$250
A.C. Gleaner F - Gas - Cab - Very Clean	$1350
[2] AC Gleaner E 111 - Gas - Cab - Very Clean	$7000-$800
[3] A.C. Gleaner E - Cab - Very Clean	$4750-$600
J.D. 3300 Diesel - Cab - 350 Hours - Like New	$1850
[4] Int 205 - Cab - Very Clean	$2900-$690
Int 615 - Cab - Brand New	$20,00
[2] AC Gleaner C 11 - Cab	$5000-$750
MF 510 D - Cab - QT	$14,50
MF 300 QT	Coming

LONG

WENGERS' INC.

LONG

HOURS:
Mon thru Fri. 7:30 - 5:00
Sat Mach Dept. 7:30 - 3:00
Parts Dept 7:30 - Noon

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147 OR 717-273-9089

SPECIAL

NEW 16' & 18' GRAIN BODYS

(6 only) **$100.00** per foot

CORNPLANTERS

J D 7000, 4-row	[3] Ford 2x3 pt
Int 56, 4-row	Int. 2 x FH
Int. 56, 6-row	J D. 1240, 4-row
[2] Int 2x pull type	J D. 290. 2-row
	JD 2 x pull type

CRAWLER DOZERS

JD 350B 6 way	$8500	JD 440	$2500
JD 350B w/winch	$8500	J.D. 1010	$3500
[2] JD 350	$4500-$6000	J.D. 450 6 way-clean	$10,000
Int TD6	$2500	CAT D8H-46A-Hyd	$27,000
Int TD15	Call	Int TD 24	$3,000
		Int TD8C - 6 way SOLD	16,500

RUBBER TIRED LOADERS

[2] Case 1740D uni loaders	$4000-$6500
Case 1816 uni loader - excellent	$3750
Owattona 1700 uni loader	$3750
Ford uni loader	$3300
Michigan 175 w/GM diesel	$7500
Terex 72 10 w/GM diesel - all new rubber	$14,500
Hough 50C w/GM diesel - Clean - 1969	$10,800
Trojan 304A w/GM diesel	$11,600
Case 530 w/ldr	$3250
JD 1010 w/ldr - needs engine work	$2600
Case W7E w/Cab - cleaned & painted	$6500
CAT 988 articulating - repairs being done	$42,000
Hough 90E - articulating - repairs being done	$16,000

SPRAYERS

JD 600 Hi boy	$2500
[] Used PTO	$295 each
50 Gal 3 pt	Call
[] 300 Gal pull type	Call
[] 400 Gal pull type	Call

HARVESTERS

NH 717 Cutterbar	Case 300 pickup head
NH 880 Cutterbar	AC 780 cutterbar
[2] Int 2x40 cornheads	NH 880 chopper w/2x30 corn
Int 2x30 cornhead	NH 717 w/1 row corn
[4] Int 15 16-350 pickup heads	[2] JD 6 - 12 pickup heads
	JD 34-38 pickup head
[3] Int 50 55-550-650 pickup heads	[3] JD 2x30 corn for 34-38
	JD 3x30 corn for 38-3800
[7] Int 15-16-350 cutterbars	[4] AC 780-782 pickup heads
[2] Int 50-55-550-650 cutterbar	[2] Fox pickup heads
	Fox 2x30 Corn head
NH 880 pickup head	Gehl 2x30 corn head
[5] NH 717 pickup heads	Gehl cutterbar
[2] NH 616 pickup heads	[2] Gehl pickup head
[2] NH 818 pickup heads	Gehl chopper w/2x40 corn
[2] NH 616 cutterbar	A.C. 2x30 cornhead
NH 2x30 corn for 717	NH 818 cutterbar
[3] NH 1x corn for 616	JD 34-38 cutterbar
[2] JD 34 Harvesters	

HAY EQUIPMENT

[2] Hay Fluffers	$195 & up
Hesston 500 S.P. windrower - as is	$1500
[2] Hesston 10 stackers like new	$4500 each
JD SP haybine 215A SOLD	$2500
JD 480 haybine	$1475
Vic 46 baler	$495
NH 283 baler - excellent	$3500
NH 269 baler w/PTO thrower	$2250
Int 47 baler w/PTO thrower	$1475
Int 990 haybine	$1975
[11] Sickle bar Mowers	$100 & up
Hesston 30 mover	$2500
[2] Hesston 10 mover	$595
3 pt stack mover	$375
Int cut dtioner - super clean	$2275
[3] Rakes	$150 & up
NH 78 baler w/thrower	$1675

CORNPICKERS

NH 2x8 roll mtd	$500
NH 2x12 roll mtd	$1850
NH 2x12 roll mtd [319] sharp	$3500
NH 2x40" 12 roll pull - demo	$5500
NH 2x40 Super Sheller - New	$5750
NH 323 1 row pull - new	$3800
NH 7 1 row pull	$450
NH 2x40" sheller	$2500
[2] Int 234 2x mtd. - clean	$2750 & up
Int 1PR1 row pull	$475

CUSTOM HAULING DONE

We Use:
42' Drop Decks
44' Combine Trailer
Detachable Lowboy
Rollback Trucks
Tandem Axle Tractors

TRAILERS AVAILABLE FOR RENT

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Myerstown

Livestock For Sale

For Sale - Registered Angus cows, bull and 50-75 per cent Angus-Chianina cross calves, heifers, bull. Ph: 717-872-2436.

Purebred "Red Angus" - Performance Tested Herd Improvement Bulls and Heifers. Sired by the Best Bulls in the United States. Come by for a visit and see "Super Cows". Call or write Charles Watkins, Watkins Glen Farm, R4, Haines Rd., Mt. Airy, Md 21771, Phone 301-831-7315.

For Sale - Feeder Pigs. We aim to please. 215-789-4677.

Hampshire and Yorkshire Service Age Boars and Gilts from certified meat type breeding. Cotact John Strawbridge, Stewartstown, Pa. 17363. Phone 301-996-2022.

FEEDER CATTLE

Will buy on order, truck to your farm or assemble for your trucker.

DENZIL HEISHMAN

Rt. 1, Box 232B
Strasburg, VA
Ph. (703) 465-5785

WOOL

BRING YOUR WOOL TO WEST EARL WOLLEN MILL

1 mile West of Brownstown, Pa.
6 Days a Week.

717-859-2241

Livestock For Sale

For Sale - 2 cows - 84. daughter of Carnation Royal Master with 21,000 at 4 years and 900 F at 5 years, fresh 5-22. 3 year old Thonyma Happy Raven, good + dam has over 900 F, due in July to Elevation. D.G. Kauffman, RD4, York, Pa. Phone 717-764-2047.

HOLSTEINS - registered herd of 28 head many due summer and fall. The finest popular breeding. 19 head of good quality grade Holsteins in various stages of lactation now milking real well. Herd of 50 head of Holsteins in various stages of lactation. Call collect 717-866-4208, S.K. Norman, RD1, Lebanon, Pa. 17042.

Registered Hampshire and Yorkshire boars and gilts. Also Southdown lambs - the ideal pet and lawn mower. Preston Bankert R.D. No. 3, Red Lion, Pa. Ph: 717-244-1244.

REGISTERED YORKSHIRES

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Rte. 7, Box 705
Lebanon, PA 17042
Ph: 717-273-5880

"Performance Tested Bulls" Now on hand:
Year Angus Bulls
2 year old ½ blood Chianina, will Sire ¼ blood calves.
¾ blood Chianina Calves.

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Quarryville, Pa. 17566
Phone 717-786-2146
or 786-2201

SPECIAL

NEW J & M 350 BUSHEL GRAVITY BINS
$795

NEW J & M 250 BUSHEL GRAVITY BINS
$495

NEW 165 BUSHEL GRAVITY BINS
$349

CONSIGNOR WANTS SOLD MEAN WHAT YOU BID

"BEST OFFER BUYS"

	Highest Offer So Far
Frye Dump Trailer - tandem - steel - 26'	$1200
Frye Dump Trailer - tandem - steel - 26'	
Steco Aluminum Dump Trailer - tandem - 32'	
1971 Ford F500 Dump truck w/8' body	
1968 Int 1890 Truck w/20' van body	
Int R-160 Dump Truck w/8' Body	$100
Davis Feeder Wagon w/agitating auger	
Badger PTO liquid manure pump	
Detroit 6V71 Power Unit	
3 pt century sprayer	
Feed cart w/scales	
Oliver 88 gas tractor	$200
JD 4020 D - powershift - WF	
N.H. Skid Steer Loader	
Ford 3 pt 5' Rotary Cutter	
Husky liquid manure tank - tandem axle	
Davis Feeder Wagon w/mixing augers	
Lorain 4WD rubber tired loader	
Max 6 wheel all terrain vehicle	

WANTED

TRACTORS & COMBINES FOR SALVAGE
WE PAY TOP DOLLAR
FOR PARTS TRACTORS

Livestock For Sale

For Sale - 7 yr. old standard bred carriage horse. Broke Good. Phone 717-656-6712.

For Sale - Service age bulls, Arlinda Chief Elevation; Harbor Crest Marcus. Dams classified with good production. PH: 717-548-3402.

Livestock For Sale

For Sale - Service age Holstein bulls. Dams classified VG with records to over 24,000M & 1,000F. John Stump, Bernville, PA PH: 215-488-1965

FOR SALE
CROSSBRED GILTS
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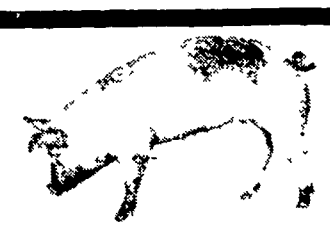
Same Bloodlines as Champion Market Hog at Harrisburg Farm Show.



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For Sale

CHIANINA

World's Largest Cattle

Cows with calves at side.
- Bred and Open Heifers.

- Also Beefalo.

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TOP QUALITY CHAROLAIS AT AFFORDABLE PRICES

Now breed up to Charolais Performance and get easy calving and vigorous uniform calves.

Get Semen from our proven Herd Sire

LCR Royalduke A 661 Polled

-or-

Buy one of his Polled Sons.

For top Charolais Performance without the polled influence select a young horned bull.

Mature cows and Heifers Available at all times

Write or Call for Details:

GREENFIELD CHAROLAIS FARM

Howard & Pat Smith
RD 1, Box 272, Landenberg, Pa. 19350
215-274-8728

Real Estate

Northumberland Co. dairy farm, 130 acres, good limestone soil, house, barn, silo, pond. Realtor 717-898-8441.

Farm for sale in Lycoming County, jug milk operation, 214 acres, cattle and machinery or without. 717-547-8062.

DALHART, TEXAS - A GREAT PLACE TO GROW CROPS AND KIDS. Buy irrigated farmland starting in the $750 per acre price range and grow 150-200 bushel corn. Pay 50 cents-$1.00 property tax per acre. NO STATE INCOME TAX. Mild winters, 178 day growing season, and excellent local grain market. Friendly community and good school system. Free brochures available: Call collect day or night. (806) 249-5613, (806) 249-4000. Mike Justice & Associates, Box 501, Dalhart, Texas 79022.

For Sale - 230 Acre Bradford Co. dairy farm. Large barn and milk house, 14 x 45 silo. Part new 7 rm house, new shed and other buildings. Stream thru pasture and organic farmed for 10 yrs. $650 acre. Clemens Nissley, R.D.2, LeRaysville, Pa. 18829.

Real Estate

Watned to rent - responsible couple wishes to rent farm house in Lancaster County. Ph: 717-665-4336.

Wanted - Dairy farm to operate on percentage basis. Call 717-762-5736 after 9 PM.

CAYUGA COUNTY - NEW YORK - 850 acre dairy farm. Honeoye soil. Large fields. 200 cow free stall barn. 4 houses. Heated shop. Other buildings. Frontage on 3 roads. Owner taking back mortgage after reasonable down payment. Call Rural Realty. From New York 800-962-1480. Elsewhere - 800-448-4511. Write P.O. Box 25, Venice Center, New York 13161.

208 acre modern hog farm, farrow to finish, 4,000 head annually. Harold Fries, P.O. Box 149, Bedford, Pa. 15522. 814-623-9223.

For Sale - 7 acres with 6 rm house. Secluded wooded area, 45 mi. from poconc Mts. Phone 717-477-5053.

140 acre farm, modern house, automated feed lot glass-lined silo, modern farm buildings and bank barn. Port Royal, Juniata County. PH: 717-527-4093.

Real Estate

Wanted - family farm in Lancaster or Chester Counties - prefer dairy or hog, 55 - 100 acres, give conveniences and type of soil and price in first letter. Send responses to P.O. Box 266BB, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543.

For Sale - building lots - 1½ to 2½ acre lots in Juniata County. Also, 10 acre lots - Snyder County - road frontage - Ph: 717-444-3682

FARM FOR SALE

Estate of William D. Hoffman, located R.D.1, Milton, Pa., on both sides hardtop road, containing approximately 50 acres of which 47 acres are good tillable farm land. Whereon are erected a 2 story frame dwelling, barn and other outbuildings. All conveniences including hot water heat in home. Immediate possession of house.

Farm must be sold to settle estate. Interested parties may contact the undersigned. William D. Hoffman, Jr., Executor. R. D.1, Milton, Pa., Phone 717-524-0271 or H. William Koch, Attorney, 60 Walnut St., Milton, Pa., Phone 717-742-8746.

For Sale - 120 acres, 2 parcels partly wooded, on macadam, near Elk Mt. ski resort and golf course, good hunting, 5 mi. to town, 25 mi. to Scranton. Phone 717-679-2532.

For Sale - hunting cabin in Perry County, 1 acre, 1 story, room for 14 hunters - $15,000 Call 215-857-9952.

For Sale - Mountain ground 25 miles North of Harrisburg. Good hunting and fishing, over 24 acres, with small stream. Phone 717-362-9842.

For Sale by owner - 12 mi. north of Allentown, Village 10 acre horse farm, 7 room house 2½ story plus barn and pond and all odd buildings. $48,500 or best offer. Phone 215-767-6247.

Beef and Hog Farm, East Cocalico Twp. Farm has old sandstone home built in 1841, completely renovated with fireplace and kitchen, large living room, 2 car garage, large barn with new aluminum siding, corn crib, etc. Plus 60 acres of sandy soil $185,000. Call Betty for appointment evenings. 717-656-9379.

For Sale - One acre lot on Route 37 overlooking St. Lawrence River. Excellent for small business or home. Write or telephone: Gerald S Warren, Route 1, Rensselaer Falls, New York 13680 Phone A.C. 315-344-6536.

JUNIATA CO, 1½ Ac. w-stream, sales agreement, $2,900. E. WATERFORD, Juniata Co., wooded & cleared 10.1 Ac. w-stream, $9,900. JUNIATA CO., 160 Ac. Mtn. Land, trout stream, ASKING $63,800. Owner will sell 20 Ac. w-trout stream for $16,000 or 30 Ac. tracts at $15,000 per tract. JUNIATA CO., 8 Ac. near golf course, $6,200.
POTTS REAL ESTATE
2010 Market St.
Camp Hill, Pa. 17011
Ph. 717-761-4185

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

Real Estate

For Rent - Excellent dairy facilities, tie stalls, house, pasture, silo, equipment and some cows. Phone 717-359-5168.

FOR SALE — 81 acre steer feeding farm, Brecknock Township, Berks County. Large 10-room stone home with 2 full baths plus 2 powder rooms. Wall to wall carpeting throughout house. Newly remodeled. 3-room guest house w-fireplace. Large bank barn 40'x100', feed lot macadamed and fenced. A-frame office building 24'x30'. 72 acres of cropland, 9 acres of pasture with stream and pond. For more information call - 717-393-3921 - Lancaster Production Credit Association, 411 West Roseville Road, Lancaster, Pa. 17604

PENNA. DAIRY FARMS
200 Acre Dairy

. . . for the man who loves farming. 110 tillable acs., about 50 pasture, stream, some woodland. Grade A 48-stanchion barn, bulk tank, silo, pipeline. Good 2½ story 4 bedrm farmhome. 3-bay garage. On quiet country rd. few mi. to town services. Own all this for $160,000. Machinery, cattle available. STROUT REALTY, Inc., P.O. Box 246, Everett, PA 15537 (814) 652-9201. Free Local Lists.

NEW YORK DAIRY FARM
118 Acres, mostly tillable, very good soil, two houses, holstein dairy, very good line of machinery and equipment. Complete $160,000. Owner will take large mortgage on the real estate.
RICHARD E. POSSON
Realty
R.D. 3, Norwich, N.Y.
(607)334-9727

FARMS FOR SALE COLUMBIA COUNTY
Beef farm, 130 acres, new barn 48 x 200; also bank barn and good two-story home and stream.
67 acre dairy farm, new 50 stall barn, two silos, additional rental land adjoining.
Call
Wandell Real Estate
Phone 717-784-8172

BEAUTIFUL POTTER COUNTY

JN213 - 7 Acres wooded w-100 ft. road frontage, borders state forest land, sewer approved for $5700 with terms.

JN243 - very nice farm in Shingle House area w-48 acres, 2 large barns, 2 story home has 4 BR's, 2 baths, 2 car garage and pond for $67,000

SAFE-BUY REAL ESTATE AGENCY, INC.
Theodore A. Smith,
District Manager
302 Vine Street
Coudersport, Pa.
Phone 814-274-7213

Real Estate

For Sale - 126 acre farm, good house and outside buildings. Located 2½ miles from LeRaysville. Wanted sealed bids. Owner reserves the right to object or reject all bids. Simon Yoder, Wyalusing, Pa. 18853.

FOR RENT OR POSSIBLE SALE
—Because of Partnership Severance—
Partly equipped and operating "Century Farm". 250 acres is one piece, years of soil conservation programming, 2 ponds, 67 tie stalls, 4 silos, pipe line, ready milk market. Ideal for two families, 2 houses References necessary
BRADFORD CO.
(Between Troy & Towanda)
Ph: 717-297-3508

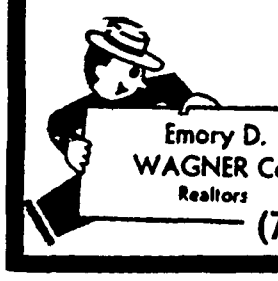
OWN 206 ACRES FOR $139,000 IN SUSQUEHANNA COUNTY, PA with OWNER FINANCING - 74 acres woodland, 50 pasture, 82 crop, overlooking Elk Mountain ski resort, ideal for speculation, riding academy, lodge, includes 6 bedroom house and large barn.
Call
BAUGHMAN- LEADER, Inc.,
Realtors, York, Pa
1-717-741-3805 or
1-717-741-0462
(720)

TIOGA CO. BY OWNER:
150 plus acres, ideal for beef, hogs, or horses. 2 barns (1 barn remodeled for hogs) and other out buildings. 30 acres of timber, large 9 room house in excellent condition, has new kitchen, fully insulated, heat with wood or electric, private setting. Taxes are $431. Price $79,500.

Call after 4:30 PM for appointment
717-549-5882

MINI FARM

4.0 Acres with 40x60 barn, corn barn, machine shed, 4 car garage, 2½ story frame house with modern kitchen, dining room, living-room, 1 bath, 4 bedrooms, basement and family room. This farm presently used in hog operation.
FULTON TWP. $75,000.00



Emory D. WAGNER Co. Realtors
215 West Fourth Street
Quarryville, Pa. 17566
(717) 786-2131 or 786-3020

DREAM MAKERS

This southern colonial is a dream designed to please you. Amish farms and harse drawn carriages complete the setting of this fine home. Deep pile expensive carpet. All pastels - cover the living room and dining room. The kitchen is fully equipped with dishwasher and oven range. Three generous bedrooms with 2-½ baths, large family room with fireplace large enough to entertain. Your friends will love it. Large deck off dining room. Just right for warm summer nights snacks. Patio too. Plenty of garden space. We make your dreams come true.

(ML23615) $54,900.

HURST REED AND ASSOCIATES
REALTORS
Phone 717-569-8245

Real Estate

WANTED

Farm with retail milk jug operation. Send response to P. O. Box 266C, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Farm for sale by owner, St. Lawrence Co., New York. 175 acres, 2 barns, silo, Gleaner, Mow elevator, oversize one bay garage, 4 bay garage, 70 ft. equipment shed, 4 bedroom home, forced air heat, new kitchen, new bath, 16 x 30' living room with fireplace, wall to wall carpeting, aluminum storm windows and screens, black top road, and school bus at door. $75,000.

BILL MULLAN
RT. 1
Richville, NY
Phone 315-287-1848

C. P. McGARVEY
Real Estate Broker
Loysville, Pa. 17047
Phone 789-3974
SPECIAL!
Juniata County near Honey Grove ¾ Mile off Rte. 75 Mansion Farm - 174 acres - 110 tillable, balance, woodland features: Beautiful renovated 7 room stone house with 3 original stone fireplaces, 2 baths, 3 zoned oil hotwater baseboard heat - large trophy den - balcony & deck porch, all plumbing, heating and septic system new 2 ponds - along historic Tuscarora Creek (1 mile frontage), new machine & implement shed (each 20 x 45) 1200 bu. corn ring, large barn, with water, shale quarry, level farmland, potentials: resort, subdivision, (with road or creek frontage), will be shown by appointment only - must sell! Reduced to $157,500.

Real Estate

FARM AND HOME FOR RENT OR LEASE

Farm with paneled home (owner planning improvements), barn, sheds; Possibilities: cows, horses, poultry, businesses, triple crops. Several fertile acres, long frontage dual 13 Canterbury, near Felton, Delaware. $2400 yearly advance rental or best offer considered. Phone 609-881-7023 evenings.

Keep owners number, when interested, inquire about farms, homes, business locations, opportune poultry farm and market located in New Jersey. Also transplanters, tractors, machinery.

120 A level new 56 stall barn, transfer system, new silo, Large hei... barn, 9 rm. farm hse, 2 mobile homes, lake, make offer.

150 A level modern dairy, 40 stalls, silos, good buildings Up t... quick sale. $180,000.

240 A 163 stalls, 16 stall parlor, 4 large country silos, lovely bri... home, mobile home plus second farm house & barn Own... financing.

162 A Two set good buildings, 3 mobile home rentals, excellent wat... supply. Owner financing.

38 A wooded 1000 ft. frontage, Lancaster Co.

90 A general farm, modern home, excellent condition, 24 stall da... barn, $130,000.

3 A Lancaster Co., nice home, horse barn, fenced pasture wi... stream.

BLUE BALL REALTY
Blue Ball, Pa.
Phone: 717-354-4536

FARMS WORTHY OF YOUR ATTENTION

90 acres, nearly all tillable, limestone, Cumberla... County, exceptionally nice dairy set-up wi... development possibilities, excellent community C... on this one - $320,000.

Here is a family dairy operation in Lower Dauph... County (north of Hershey), 120 acres of which 90 a... tillable, plenty of frontage, good area - $200,000.

MENNONITE NEIGHBORS, fertile 39 tillable acr... 20 acres woods (pines) w-frontage in a little peace... valley, 13 acres meadow which offers a good spot for... pond, farm buildings. Oh yes, a landing strip includ... Snyder Co. $82,5...

COLUMBIA CO. 65 acres poultry farm. Present... 20,000 broilers or 14,000 pullets. Fine buildin... $125,000.

CALL TODAY!
Ask for one of the Farm Men at:

KINGSWAY REALTY
REALTORS
139 E. K... St...
Phone 299 0791
REALTOR

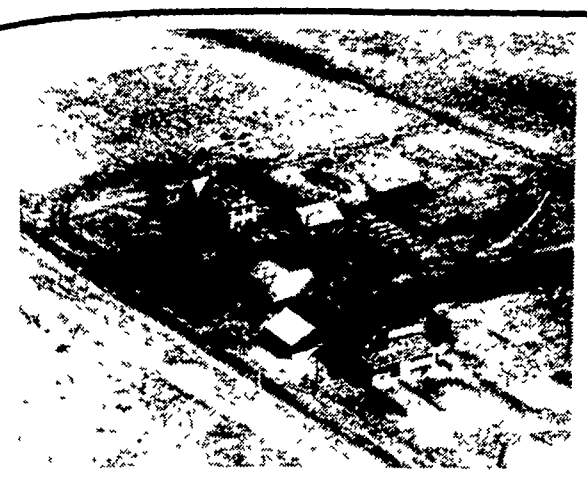
NORTHERN LANCASTER COUNTY
60 Acre Beef & Hog Farm, good set of buildi... Remodeled Sandstone home - Zoning will allow pou... house.

NORTHERN LEBANON COUNTY
10 Acre Farm with stream, suitable for horses. La... home with two apartments. Approximately 8 mi... East of Penn National Race Track.

180 ACRE FARM
Has 2 sets of buildings, 2 barns, an excellent beef... hog operation, with 2 Harvestores and bunk feed... One old log home, newly renovated and very tastefu... done. Second home has 2 large apartments. Land... cludes stream and is partially wooded.

100 COW DAIRY OPERATION
Pipeline milking system, free stalls, 5 Harvestore... barns, 2 homes, 236 acres of very productive soil,... cellent for corn, alfalfa, soybean. Woodland... pasture. Total acreage 330. Northern Dauphin Coun...

ERA
LIST YOUR FARM WITH US!
We have a professional farm age... and with ERA we now have natio... exposure.
SLAUGH FAGAN AND ASSOCIATES
Realtors/Insurors 733-6556
Associate Jesse D. Ziegler (717) 838-125...



24 ACRE HORSE FARM One mile from Nockamixon Lake in Bucks County. Colonial stucco over stone home with 5 bedrooms, 2 full baths and 2 fireplaces. Good horse barn and other outbuildings. Corral and in-ground pool. See it. $129,000. NOTE: can be purchased with 14 acres for $109,500.

ROY S Landis INC
REAL ESTATE
Town & Country
Office Route 313 Dublin, Pa 18917
215-249-0400

UPSTATE NEW YORK

BEAUTIFUL FINGER LAKES AREA

255 acres, 3 harvestors, DeLaval double 6 herringbone parlor, free stalls, 2 homes, shop, level land. LIBERAL financing to responsible party who owns their own cattle and machinery.

433 acres, 63 free stalls, milking parlor, 3 barns, 3 Harvestors, 2 homes.

177 acres, 28 stanchion barn, with basement, bulk tank, cleaner, 14x45 silo, 6 room home with bath and furnace.

398 acres, 300 tillable, 76 free stalls, 22 ties, parlor 3 on a side, 3 silos, miles of tile ditch, good 5 bedroom home. FINANCING.

160 acres, 37 stanchions and ties, bulk tank, cleaner, 2 silos, 6 room home with bath and furnace.

325 acres, part gravel, 55 acres alfalfa, 44 ties and stanchions, cleaner, bulk tank, pipeline milking, 2 Harvestors, 1 concrete silo, 4 tractors and other machinery, 60 head of real good holsteins, averaging 16,000 milk, 600 fat. 8 room home with bath and furnace. TERMS

J. R. ALLEN, REALTOR
Dundee, N.Y. 14837
607-292-3180

Real Estate

Real Estate

Vacation home sites
One and two acre building lots. Larger acreage and farmette also available.

Contact: Wm. McDaniels
717-784-0498
or Dave Walter
717-784-4686

J. L. VANDERMARK
REAL ESTATE & CO.
Bloomsburg, Pa. 17815
Phone 717-784-2430

SAMUEL N. HOSTETTER

127 W. Main St.
Leola, Pa.
Phone 717-656-2281
or 717-656-6291
Ask for Dave

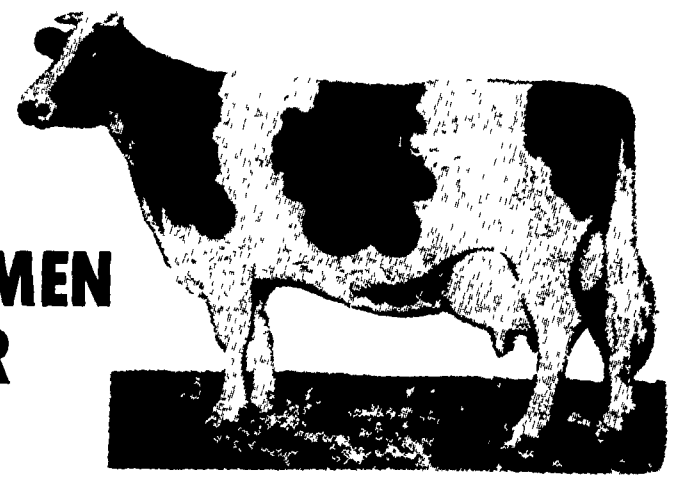
PERRY COUNTY

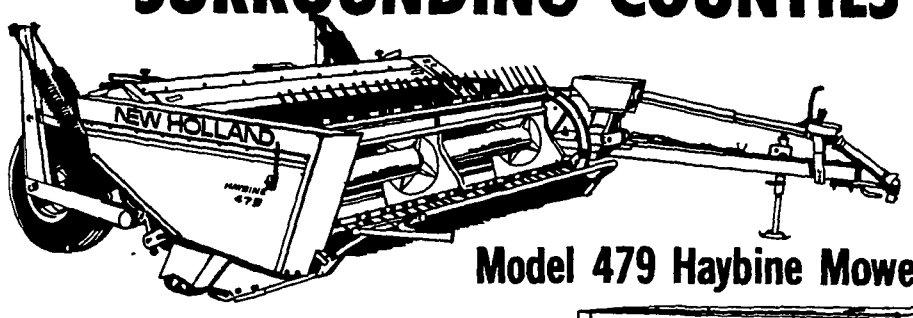
65 Acre dairy farm located in the heart of Amish country has a mountain fed water supply, a mountain stone home, a large barn 40 x 40 area besides a dairy barn. One of the few farms left that don't take a large capital outlay. Also 13 more acres of land available if you hurry. This will make a total of 78 acres.

A SHOWPLACE FARM FOR HORSE LOVERS

If you are in the market for a farm that has some royal beauty, then you don't want to miss a chance to see this one. Being secluded it has a unique setting best suited for beef or horses. Bring your show horses or breeding stock. After you see this one, you won't want to look any further. One of the few farms for sale that would take your breath away. Situated in Berks County not far from the Lancaster County line. It features almost a mile of rail fencing, two ponds, one spring and a three bedroom rancher home on 73 acres of land.

WE SALUTE ALL DAIRYMEN OF LANCASTER AND SURROUNDING COUNTIES

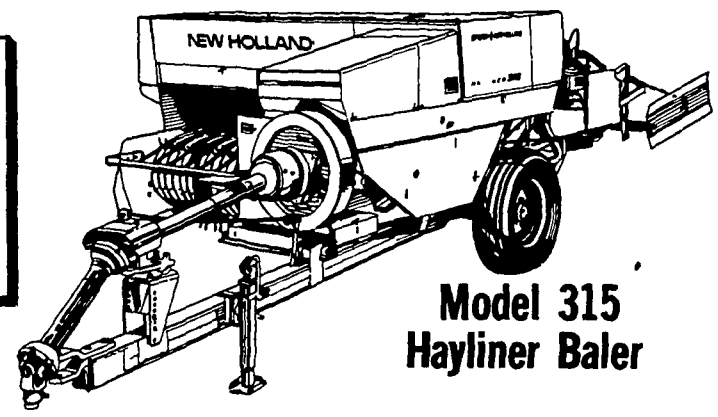




June is dairy month

Model 479 Haybine Mower-Conditioner

WAIVER OF FINANCE
MANURE SPREADERS &
GRINDER MIXERS
TILL OCT. 1, 1977
FORAGE EQUIPMENT TILL SEPT. 1, 1977



Model 315
Hayliner Baler

WE HAVE
PEQUEA AND NEW HOLLAND HAY TEDDERS IN STOCK

M.H. 82 COMBINE, 12 FT. PLATFORM, 2 ROW CORN HEAD, REAL NICE

IH 574 Diesel
IH 1066 w/cab, 20.8x38 tires
John Deere Mt. w/cultivator
N H. 68 Baler
N.H. 352 Grinder-Mixer
Bear Cat Grinder Mixer
MF Plow 3-14"

John Deere #2 Tedder
Int. Model 710 4 Bot. Plow
Int. Model 700 5 Bot. Plow
Farmhand Wheel Rake
IH 160 Bu. Spreader
NH 145 Bu. Tank Spreader
IH 650 Harvester, 2-row and pickup

5 ft. Rotary Cutter
IH 50 Harvester
NH 717 Harvester, 2-row
Gehl Blower, Hi-throw, Model 88
IH 370 Disk, 12 ft.
John Deere Disk, 12 ft.
NH 30 Ft. Elevator
NH 275 Baler with thrower
Fox Blower

MESSICK

THE RIGHT CONNECTION

FARM EQUIPMENT INC.

2750 N. MARKET STREET PHONE 367-1319 ELIZABETHTOWN, PA.
JOHN KREIDER HOME 367-6039 WARREN SPICKLER HOME 653-4560

UPSTATE NEW YORK

LEWIS COUNTY

Modern Dairy Farm - 266 tillable acres. Automated dairy barn with 123 free stalls, parlor, liquid manure system, etc. 120 + Holstein cattle. 12 room house. All machinery. Asking $350,000.

For appointment only call

KENNETH ERB
Realtor Associate
315-376-2301

DUFLO AGENCY, INC.
Realtors and Insurance
Lowville, New York 13367

BEAUTIFUL DAIRY FARM: PRICE $165,000

Located in Perry County - Carroll Township 4 miles from New Bloomfield - 9 mile from DunCannon 131 Ac.- 101 tillable - 23 Pasture - 7 Acre Wooded.
Primary Crops - Hay, Corn, Oats, Barley

3 Ponds - Fully operated Windmill, 3 wells on property, 3 Right-of-Ways written in Deed.

Barn is approx. 100' X 40' - Good Condition - Very Clean Grade A Dairy presently milking 31 head. Water piped to stalls - Electric Vacuum Milker - 410 gal. Bulk Tank, Dumping Station Selling milk to Hershey, New Milk Parlor Spotless with Electric Hot Water Heater. Electric throughout, Barn, Garage, House.

Large 2½ Story Colonial type home. Age approx. 100 years old 11 rooms - 6 Bedrooms, 1 full bath, Furnace - Oil Hot Water, Fireplace, Beautiful open stairway - Large Porch - Large Lawn, Grape Arbors - Chestnut & Walnut Trees

Other
Out Buildings
Chicken House - Garage, Old Milk House, Butchering House, Corn Crib, Calf Pen, Repair Shop Building -1976 Property Taxes $286.53

Owner Retiring - Shown by appointment only Call

STROUT REALTY, INC.
434 Chestnut St.
Mifflinburg, PA 17844
(717) 966-1038

Real Estate | Real Estate

FARM FOR SALE

Beautiful 260 acre rolling, limestone farm, with 2 free flowing mountain springs, in Crawford Twp., Clinton County. Amish neighbors within 5 miles. Approximately 150 acres tillable and approximately 110 acres in woodland.

2½ story plank home with living room, dining room, kitchen, den, 5 large bedrooms & modern bath; with fireplace, oil hot-air heat, 2-car garage.

Old summer house with large fireplace, plus 3 large rooms & cold cellar. Large barn (3 barn floor, 2 large hay mounds, 2 large granarys & straw shed); tractor shed & workshop & tile silo.....excellent farm.

Call Fish Real Estate

Phone 717-326-1561 or
Bernard Rell 717-745-7780

JEFFERSON COUNTY FARMS FOR SALE

178 A, 152 tillable, 30 stanchions plus heifer, bulk tank, five bedroom house, owner financing. Illness forces sale. Only $39,000

200 A stocked and equipped dairy farm, 40 milkers, excellent line of equipment, ½ mile river frontage. Nice clean 4 bedroom house, barn and outbuildings in excellent repair - additional land available to rent very reasonably. Under market value at $138,000.

We also have many more listings on mini or recreational farms. Bare farms, milk parlors, comfort stalls or stanchion farms both large and small.

Call or write stating your choice.

HENRY ENGELBACH REAL ESTATE

203 Mill Street
Theresa, New York 13691
315-628-5848

Real Estate | Real Estate

FARMS

All sizes and types
Finger Lakes Area

J. R. ALLEN REALTOR

Dundee, N.Y. 14837
607-292-3180

THE BEST THERE IS! 275 acres for truck farming, has never needed Nitrogen. 130 day growing season. This is a very rare offering at only $1500-acre. Warehouses extra.

BREAKING INTO FARMING? Check this 72 acre Mohawk Valley farm. Very workable barn has 65 stanchions, cleaner, mow elevator, 16x40 silo. 9 room home in good condition. 1½ baths, oil furnace. $49,900

EXCELLENT CORN LAND, 350 acres Ontario, Hilton, Cazenovia soils. 50 cow barn. 4 bedroom home, new kitchen. Rough 2nd home. Farm could be easily leased to cash croppers. $150,000 Firm.

MAKE YOUR OWN FARM! 230 acres rich, well-worked farmland located in the heart of farm country near Richfield Springs, N.Y. $350-acre. Terms with owner.

SAME FAMILY 50 YEARS. Highly profitable wholesale-retail milk business. 700 acres. Modern 200 cow free stall barn, 8 unit parlor. Processing plant, new dairy store. $1.6 million stocked and equipped

NEW FREE DAIRY LISTING.

REALTOR

WIMPLE REALTORS, SLOANSVILLE, N.Y.

518-875-6355.

DOUBLE EXPANDABLE FOR $29,900. Great old double frame home in Glen Rock with 3 bedrooms in each section, and potential of 4 more. Live in one, rent the other or retain both tenants for investment income. Big tree-shaded lot with old barn. One of the best buys in the country.

MODULAR ON A HALF-ACRE - Handsome little 2 bedroom factory-built rancher in a charming woodsy setting in old Tolna Village on Hickory Nut Lane. It's brand spanking new with all the latest appointments, and ready for immediate occupancy, fully furnished including a smoke-sentinel. $27,900.

FOR A VERY SPECIAL PERSON - This house in quaint old Railroad town is a very special bargain. Buy it for just $28,000 and live the country life while you make any desired improvements to fit your needs. It is 100 years old, 2½ story frame cottage w/4 bedrooms on a woodsy acre.

GOLD STRIKE IN FELTON. Store & two apartments in excellent newly remodelled 3 story building, all rented to happy tenants who have no complaints and no ideas of looking elsewhere. All together consists of storefront, thirteen rooms & 2 baths, plus ample storage and closets. All for the incredible investment price of $22,750.

A TOLL HOUSE COOKIE - And a sweeter sight you'll never see on any new-fangled turnpike. These old logs were laid in Loganville 100 years ago (with one stuck across the trail til you come up with yer nickle). 4 bedrooms on an acre-plus, 3 car garage, big attic, & loads of history - all for only $34,000 (& a nickle).

SO MUCH FOR SO LITTLE - 3½ acre farmette in Seven Valleys w/3 bedrooms, stone fireplace, carpet thruout, and all modern conveniences. Half hour from Towson to this superscenic country side and peace of mind for only $38,900!

SUPER BUY IN JEFFERSON - Long lean, clean new rancher on ½ acre with every wanted feature and convenience, even a two-car garage. Handsome split-rock, 3 bedrooms, two fireplaces, w/w carpet and a host of niceties. Super is the right word at only $39,900.

HAPPY ACRE IN HAMETOWN! Handsome young hi-rancher in a tiny old village that conjures images of creaking carriages & Conestogas, the clippety-clop of Clydesdales. 3 bedrooms, family-room fireplace, 2-car garage. It's a beauty of a buy in a most desirable setting at only $45,100!

INVESTMENT ON THE SQUARE - Two handsome village-style stores plus apartment fronting on Shrewsbury's most-wanted corner. Fully occupied dependable producing property a rare buy at only $45,000 on this prime corner. Call Today.

SIX COUNTRY ACRES IN TOWN - Nearly new & nice as can be - handsome brick & board 2 story home w/3 large bedrooms, beautiful decor, sundeck off master bedroom, Streamside tree shaded grove, all tucked into parklike privacy in Glen Rock. $48,500.

DREAM ON CROSSWINDS DRIVE - List all the features, fixtures & conveniences you're looking for in a modern rural home & you can check each one "yes" on this attractive 3 bedroom rancher in a quiet corner of Southern Farms. $47,900 is really a little for so much, so right.

YOUR RANCH IN THE WOODS. Hi-Style & every-way-modern, with woodsy 2.3 acre backdrop, small stable, shed, & rustic-fenced acre of pasture. Lovely 3 year old house has 3 bedrooms, bath & a half, w/w carpet & a handsome fireplace. All this in a setting of surpassing beauty for only $42,900! NEAR SEVEN VALLEYS.

EXECUTIVE RANCH 7-VALLEYS - Forty minutes from Hunt Valley and elegant as a wish come true. Quality constructed brick/aluminum exterior w/3 roomy bedrooms, family room fireplace, many extra pluses. High elevation views country side. With two-plus acres. $59,900. Full basement, partially finished. Near Codorus State Park.

BIG SOUTHERN FARMS RANCH - A 3-year old brick beauty with many extra features worth much more if you had to build it today. 3 bedrooms, family-room fireplace, w/w carpet, double oven range & garage. Only $51,900 including split-rail fence & mature trees.

ANCIENT - ELEGANT - ENDURING. A truly elegant 3 bedroom brick country home on 7 acres in Crossroads. Well into its 2nd century with bankbarn and other outbuildings in top shape too; plus spring, stream, wide-plank floors and other delights. Only $59,500. Come see for yourself how some things really do improve with age.

TOO EXCEPTIONAL FOR WORDS - But just a few hints of what you will see. A handsome new 3 bedroom fieldstone (which sets the mood of new made olde). Then step inside to a Williamsburg motif of wide-plank floors, and big fireplaces. All on a gorgeous acre at the edge of Codorus Park. $66,500.

NEW CAPE COD ON A HALF-ACRE. A soothing sight to delight the eye in every detail of structure & decor, from split-rail fence to sunken swimming pool. Four bedrooms, family-room fireplace, full basement, 2 car garage, w/w carpet, redwood deck, plus Southern Farm location. All for a well-worth $61,500.

CHESTNUT HILL FARM - 5-acre "Gentleman's Farm" charming as the name implies, in famed Pleasant Valley. Includes all the physical requisites for the good country life. Handsome 3-story brick home with 4-bedrooms, 3 fireplaces, hardwood floors, colonial woodwork.

COME SEE, COME SIGH - Oh my, what a pretty place to live. A 3 bedroom house you won't believe how handsome. A no-nonsense high producing 22 acre pork & poultry money maker near Glen Rock with all, equipment & feed for thousands of birds & beasties. Only $79,900.

8 South Main Street, Shrewsbury, Pa. 17361

Jim Bradley & Associates

CENTRAL PA. FARMS

Centre County - 217 General Farm, 5 miles from State College limestone ground, good buildings. $260,000 convenient terms available.

Centre County - Ideal as a farmette or weekend retreat and located approximately 12 miles from State College. This property contains 103.5 acres with 21 acres tillable and 82.5 acres woodland features an almost new semi-A-frame, two-story home in excellent condition, a small barn 4 springs & a small year-round stream with good access, seclusion and privacy and low taxes it is fairly priced at $75,000

Huntingdon County - Ideal for general or livestock farming or for investment. This farm contains 180 acres with 100 tillable, 60 acres pasture & 20 acres woodland. Featured is a sound brick home built in 1842, excellent, never-failing spring water, a large 2 story frame barn with horse stalls & 2 horse riding areas. Located 2 miles off Rt 22 near Huntingdon & 7 miles from the Raystown dam Priced at $135,000 with owner financing at 7¾ percent interest

Huntingdon County - Nice 277 acre Dairy farm with 240 acres tillable, 33 acres pasture, & 4 acres woodland. Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank, & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings. The majority of this farm lays quite nicely. Located 20 miles from State College. Priced at $275,000 with owner financing available

Huntingdon County - Good General, Beef, or Hog Farm 160 Acres 100 Acre Tillable, 30 Acres Pasture & 30 Woodland Large double house, barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water, pond & productive soil. Only 40 minutes from Raystown Dam the farm has good frontage & very low taxes. Equipment available & adjoins state game lands Priced at $128,000. Owner financing with only 20 percent down

Blair County - 200 acre farm and nursery Features 9 room stone Colonial house, 50' x 80' barn and new 26' x 91' combination greenhouse and shop. Approximately 50,000 pieces of nursery stock plus large amount of equipment. 94 acres tillable land 76 acres pasture, 30 acres woodland. Approximately ½ mile road frontage plus ¼ mile river frontage having a variable interesting topography with several limestone caves Great potential in scenic historic Central Penna with mineral rights intact Priced at $330,000 complete

PLANNING TO SELL YOUR FARM?

Our Farm & Land Department would be happy to talk to you without obligation, to explain our detailed farm sales program. We have had excellent farm sales this spring, and have prospects now looking for farms for the spring of 1978. Our Farm & Land Department specializes only in farm & rural land sales to provide the best professional service for the buyer & seller. We would welcome the opportunity to chat with you at your convenience.

CENTRAL PA. LAND, CABINS

Ideal for Weekend Relaxation
Many properties have terms available

Centre County

58 Acres, 12 miles west of State College, wooded light brush small spring, excellent hunting - $25,900.

7.64 acres located in Brush Valley off Route 192 near Rebersburg ½ acre spring fed pond, stocked, partially wooded building site Beautiful view - $11,800.

210 acres prime hunting ground on Nittany Mountain part state-owned land 2 springs, nice laying topography financing, $79,500.

19.3 Acres all tillable, along Rt. 45, excellent location $28,
1 Acre - top of Centre Hall Mountain, Cabin $10,000
3.38 Acres - wooded lot in Corl Acres subdivision in Ferguson Twp., approximately 4 miles from State College $20,
189 Acres - wooded, adjoining State ground privacy complete split $72,765.
68 Acres - wooded, good hunting area - price reduced! $20,
218.9 Acres Acres - wooded ground stream good hunting Priced at $350 an acre.
39 Acres wooded - frontage on Penn's Creek $17,000
100 Acres - pond, orchard and woodland - excellent hunting fishing $75,000
35 Acres - two acres clear - balance wooded some nursery stock $21,000
50 acres at $450 an acre, (with year round spring) light fair good bird hunting, electricity available suitable for building cabin
100 acres wooded, 2 springs excellent weekend home excellent hunting

Mifflin County 15.98 Wooded acres with excellent A frame home good hunting area, ideal for weekend retreat $48,500

Huntingdon County - Located near Huntingdon and the Raystown Dam, 150 acres of woodland, good access, many streams nice view, good hunting $65,000.

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FARM & LAND DEPARTMENT

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Fred Strouse PH: (814) 364-1
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FOR SALE — TOURIST ATTRACTION

Are you interested in promoting a new tourist attraction in this area? If you are, take time to inspect this listing. It consists of a general store, funeral parlor, furniture store, farm house with summer kitchen and stable (all circa late 1800). The buildings are situate on approx. 2 acres of land located on the corner of a busy intersection. This property is located near Rt. 81, exit and has easy access to the Hershey-Lebanon-Harrisburg tourist trade and the Penn National Race Track.

The commercial use of this property is unlimited, restricted only by one's vision or imagination. You can create your own frontier town, a Bicentennial Shopping Center. An arts & craft center w/pottery mill, blacksmith shop, etc., or you can create an antique center. The farm house can be converted to an inn. There is ample land available nearby to enlarge the attraction. The commercial buildings on property, excluding farm house, have almost 7,000 sq. ft. of floor space. Some of this space can be converted into apartments or other prosperous ventures.

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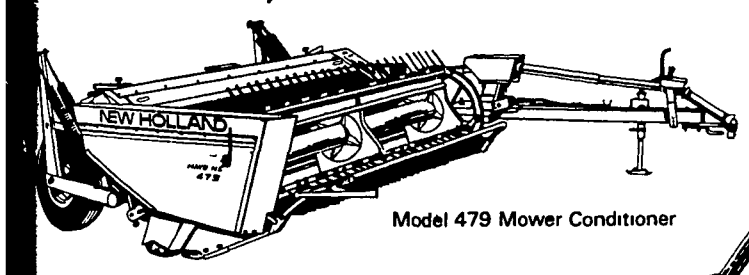
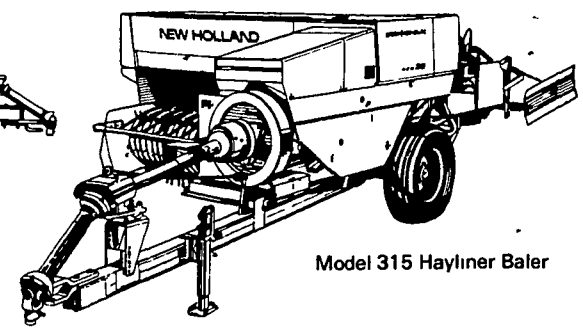


Model 479 Mower Conditioner



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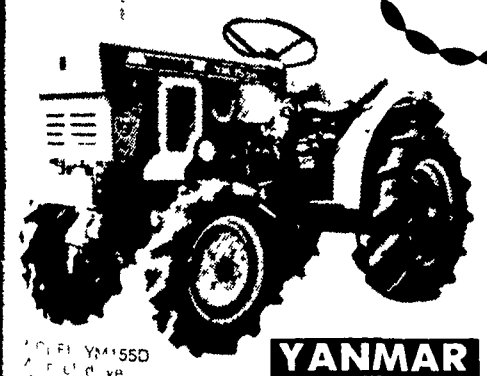

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ALL — 2 CYLINDER DIESELS

The Diesel Tractor with the necessary muscle, small size, short turning radius and operating economy for mowing, digging post holes, small area plowing-harrowing-cultivating, hauling and many more uses.

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- Int. 4 Bot. plow
- 268 NH Baler w/thrower
- 276 NH Baler w/thrower
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- (2) Grove Forage Boxes w/wagon running gears
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- ARPS HD Manure Loader
- Farmall MD tractor
- AC model C tractor
- 300 Far. Tractor
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- NH 351 Grinder-mixer
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MONTOUR COUNTY
Jerseytown - 150A general, real nice home. $135,000

NORTHUMBERLAND COUNTY
67 A. General, 50 A. tilled. $85,000 (Millersburg North)

CENTRE COUNTY
165 Acre General farm, Limestone soil, 100 acres tilled, spraying, and brick house.

WITWER REAL ESTATE

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Joe Zimmerman, Agdnt 215-267-7963
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206 ACRE FARM IN SUSQUEHANNA COUNTY W/OWNER FINANCING

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GENERAL (Newville)
140 Acre Limestone, gently rolling, highly productive with good set of solid buildings. 50x80 bank barn, 12x45 concrete stave silo, plus a 3 bedroom brick frame house.

DAIRY (Carlisle)
112 Acre limestone and shale, 40 cows, 330 gal. bulk tank, tile silo, large modern 8 room brick house, road frontage and creek frontage.

DAIRY (Newville)
110 acre limestone, 93 free stalls, double 5 herringbone parlor, 600 gal. tank, 3 concrete stave silos (2000 ton) large 8 room brick house, center hallway, open staircase.

GENERAL (Carlisle)
87 acre limestone, no barn, solid modern 7 room brick house.

GENERAL NO HOUSE (Carlisle)
50 acres Hagerstown limestone generally rolling highly productive with large SOLD barn, remnents of 40 stall dairy, 3 round corn [illegible] 120 ton capacity, Ideal location for country estate overlooking Conodoquinet Creek.

HORSE FARM (Carlisle)
31 acres, modern 4 bedroom frame and aluminum siding house, solid small bank barn, stream flowing through farm.

FARMETTE (Carlisle)
10 acres with full set of farm buildings, large modern frame house with special charm.

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Real Estate Broker
Loysville, 717-789-3974

70 Acres more or less farm near Newport on Rte. 34 near New Rte. 322 (will be surveyed), barn, out buildings, with 2 story 5 room frame house with oil fired hot air furnace, bath, nice large porch, garden and beautiful condition, some woodland and approx. 55 acre. field. Also old log house. $73,500.

Hey Look! 5 acres of beautiful woodland with McCabe run going through property, can be subdivided into two lots, already perc tested and surveyed 2 mile from Landisburg in Kennedys Valley, 500 feet road frontage. $11,500.

Near Kistler 1 mile off Rte. 850 farmette with 14.2 acres 2 story 6 room house with shower, oil furnace, artesian well, pond, stream, 4 foot by 23 foot above ground swimming pool and all attachments, also a 3 room apartment above workshop with furnace and bath, approx. 8 acres tillable and pine field. $36,500.

Near Mifflintown on lot approx. 80' x 137' 55' by 10' mobile home with two additional rooms and porch, air conditioner, elec. stove, frost free refrigerator, extra large hot water heater, hook-up for washer and dryer, small utility shed, corner lot along old rte. 22. Town water and possession immed. upon settlement. Only $8750.00

176 Acre mansion farm near Honey Grove Juniata County, 7 room two story renovated beautiful stone house with 3 usuable fireplaces, 2 baths, oil baseboard hot water 3 zoned heat. Artesian well, 2 ponds, 1 mile creek frontage, trophy room with porch deck, new 20 by 40 machine shed and wagon shed same size, 1200 bushel corn ring, large barn, cemented. All buildings like new condition, approx. 110 acres tillable, secluded road frontage, all wiring, plumbing has been replaced, 1000 gal. fuel oil tank, new septic system place ready to go. No till corn yield approx 100 to 125 bushel per acre. Alfalfa. Asking $157,000.

Note: We need small lots, acreage, farms and houses, you wouldn't believe the need for these kinds of properties. Also wanted salesmen (women or men) will train and sponsor. Auctioneer service available will go anywhere. Call Rep. Bill Bernhisel - 536-3669 or Chuck McGarvey, Broker-Auctioneer professional service guaranteed. Praise the Lord.

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100 to 1000 ACRES
BIG FIELDS
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Nittany Valley:
142 acres, 80 tillable, 41 woodland, balance pasture, mountain spring, 7 room dwelling, 37.5 x 60 steel implement shed, no barn, asking $125,700.

155 acres 119 tillable, large meadow with stream, 7 room brick dwelling, bank barn with 34 stanchions, 2 silos, 16 x 55 and 12 x 55, 2 large steel sheds, mountain spring supplies dwelling and barn. Make offer.

Perry County:
Pick your farm today—700 acres plus, 500 tillable, 4 dwellings, 3 barns, lots of creek frontage.

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Mail Box Market

Wanted - experienced farm worker and milking for modern farm. Fred Seipt. 1440 Sumneytown Pike Lansdale, Pa 19446

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For Sale- two purebred reg Landrace boars, litter mates, out of champion bloodlines, 8 weeks old Phone 717-467-3330

For Sale - Myers 2 side low crop sprayer Ph 717-786 3189

For Sale - Irrigation system, 2060 ft pipe 4" and 5" Ph 717 362-3492

For Sale Oliver 77 gas tractor good condition w/hyd 13 6 x 38 tractor tire rear Ph 717 665 7155

Free to good home 5 kittens Ph 215-777 8120 or 215 775 2600 ext 3572

Wanted to buy dual wheels and tires and hubs for JD 4020 Ph 717 867 2777

For Sale DeLaval pipeline washer w/switch box, 1-½" glass pipe. Astronaut son bull, two transmitter grandson bulls, service age Elam E King RD3 Quarryville, Pa

For Sale Super 55 Oliver tractor in excellent condition PH 717-626-4359

For Sale Tan reg cocker spaniel Pups PH 717 665 5739

PAUL M. **Longacre** FARMS AND COUNTRY PLACES

MONTGOMERY COUNTY
50 acre stone with stucco house bank barn 2 car garage, large pond with picnic facilities lots of road frontage. **$210,000. #147**

75 acres, $3 500 00 per acre large amount of road frontage **#139**

20 acres Industrial ground for sale **$6,000 per acre.** 6th Street in Red Hill **#138**

40 Acre 8 room house and barn ready for renovation Located along Rte 663 Tremendous possibilities - **$125,000. #111**

FULTON CO.
181 Acres 123 T large three story four bedroom frame house, modern kitchen and 1-½ baths large bank barn, 15 stalls attached shed and other out buildings **$165,000. #137**

BERKS COUNTY
3 bedroom all brick cape cod 2½ baths Florida room, 2 car garage, inground pool beautifully landscaped, on 1 8 acres **$64,500. #152**

Diner with 2 bay garage on approx 10 acres, with a picnic grove, fantastic opportunity **$175,000. #136**

3 bay service station with attached house, 4 bedrooms, living room, kitchen 2 baths, state inspection approved **$85,000. #140**

95 Acre horse farm with the most outstanding restored historical brown stone eight room house bath fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society - **$375,000. #117**

30 Acres Zoned Commercial Ground south of Bally on Route 100 **$2,000.00 per acre. #130**

161 acre dairy farm 43 stalls pipeline milker bulk tank and fixed equipment 2 concrete silos with unloaders reconditioned farmhouse with eight rooms 3 bay shed/garage and full line of machinery and cattle A ready to go operation all for only **$335,000. #114**

A gentleman s farm 64 acre steer farm zoned industrial, set up for over 1000 head 5 steer barns lot fences, feed center, 5-bay garage, exceptional new farmhouse with 8 rooms 3 baths, fireplace swimming pool etc **$5000,000.00. #124**

208 Acre dairy farm Large 9 room stone house with fireplace & attached frame addition beautiful setting Large barn with slate roof, 62 stanchions 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable Must be seen to be appreciated **$416,000 #101**

BUCKS CO
All stone cerc 1776 completely renovated, situated on 10 acres large barn & other out buildings **$125,000. #153**

BRADFORD COUNTY
250 acre 190 tillable Dairy Farm 2 story 8 rm frame house, modern kitchen, 2 baths, and large in ground pool Beautiful! 60 cow tie stall barn, 18 cow free stall pole shed with large machinery shed 750 gal bulk tank new 6 unit, pipe line 20 x 40 Harvestore, 20 x 56 and 12 x 35 silos, full line of machinery and 90 head of Reg Holsteins $315,000 2nd house available **# 158**

230 Acres 185 T dairy farm land lays very nice, 74 stall barn, two car garage, large machinery shed (1) 22 x 60 and (1) 14 x 50 silos, bulk tank, milk conveyor and other out buildings, 2 beautiful houses, both large and modern All for **$180,000. #142**

155 Acre dairy farm, 64 stanchions, 2 silos, bulk tank, & barn cleaner Modern frame house Machinery & cattle available **$138,000. #148**

230 acre dairy farm 155 tillable, good alfalfa ground two houses and one mobile home w/additions Main house is modern, Nice kitchen, fireplace 7 rooms and 2 baths Large barn, 120 stalls, 6 unit milking parlor, 2 bulk tanks 600 and 700 4 silos includes two Harvestores New machine shed and shop All for **$240,000.** Cattle and machinery, optional 200 head Also 130 acres available for rent **#135**

78 acres new dairy barn 41 stalls heifer barn machinery shed 3 silos, beautiful 2 st house w/9 rooms and 1½ baths, completely modern kitchen farm pond, and creek 70 reg Holsteins, full line of machinery produce and supplies plus 100 acres optional for lease Everything for **$145,000 #112**

A frame two story 8 rooms and bath on 1 acre **$22,900.00 #126**

220 acre dairy farm 175 T new dairy barn w/86 tie stalls, barn cleaner pipeline bulk tank (2) 16 x 50 con silos (1) 12 x 55 silo large 2 story 9 room house grainery, corn crib and outbdgs All for **$165,000. #107**

Adjoining acreage 6 7 acres w/8 room brick house and small barn **$30,000**

Other woodland parcels available **# 133**

248 acre dairy farm 160 T new dairy barn 72 free stalls, 8 stall herringbone parlor 800 gal tank 80 cow bunk feeder 20 x 60 conc silo w/unloader liquid manure heifer barn and dry cow barn, also storage barn 2 story frame house 7 rooms and bath w/upstairs apartment All for **$200,000** Also cattle and machinery available and mobile house available (12 x 65) **#115**

LAZERNE CO
120 Acre Dairy farm 2 story frame hse 8 rms and bath large bank barn & new dairy barn 56 comfort stalls 20 x 60 concrete silo with unloader 10 x 50 silo bulk tank and 3 acre farm pond 2 Mobile Homes 10 x 50 All for **$155,000 # 159**

215 acres dairy farm 100 T. new 82 stall dairy barn, bulk tank barn cleaner and heifer barn 22 x 65 silo w/unloader, 10 room frame house w/bath - **$160,000. #116**

163 acre dairy farm 100 T 57 free stalls, milking parlor 4 cows each side" 2 story 7 room house w/attached garage $89,000 #120

128 Acre dairy farm 96 tillable bulk tank barn cleaner 50 stall barn and silo, 43 milk cows 12 heifers, full line of machinery 6 room house and bath **$150,000. #127**

310 acres hunting ground 70 acres open farm ground $320 00 per acre **#301**

110 acre dairy farm 50 stanchion barn, 2 story shed silos machinery included Colonial type house, 9 rooms 1½ baths **$98,000. #125**

13 room house stucco & frame, out buildings, On approx 1 acre Asking **$39,500. #155**

JUNIATA CO.
160 acre beef and swine farm, set up for 100 steers and 300 hogs w/20,000 cap poultry broiler house, new woven wire fence around 30 acres of pasture 20 x 50 heated farrowing house w/pens and crates Grain dryer for 300 bushel and Butler storage bins for 5000 bushel, also other out buildings Beautiful 8 rm., 2 story frame hse in excellent cond . 100 Kw power plant with farm. **$230,000. # 160**

TIOGA CO.
New 260 acre, 150 tillable, Dairy Farm, 48 Stall barn, 2 Concrete silos, and a brand new 6 room house with 2 baths **$185,000 #149**

780 acre dairy farm in a picturesque setting Free stall barn w/extra stall in old barn 2 harvestors and one conc silo on main farm w/double 5 milking parlor and bulk tank 3 houses Main house absolutely beautifully remodelled Excellent second house plus a good 3rd house heifer barn and many extras Farm lies thru out entire valley Must be seen to be appreciated IT'S BEAUTIFUL! All for **$375,000.** Cattle and machinery available under separate contract. **#143**

CENTRE CO.
70 acres, 60 t of excellent Hagerstown limestone ground Hoghut for 400 hogs-90x40 w/heated floors and gas furnace (2) 7 ton galvanized feed bins w/automatic feeding and watering systems Liquid manure pit Also 2 st bank barn 66x45 w/½ bottom set up for hogs and ½ for storage (conc) 60x22 conc block building and two car garage Well and hook-up for trailer All for **$97,500 #113**

SOMERSET COUNTY
260 acre dairy farm 240 tillable, new freestall barn, 113 stalls and second 2-S dairy barn, 65 stalls and heifer barn, new U shaped milking parlor with automatic shut-off units .2) 20 x 80 and (1) 20 x 60 Harvestores. (1) 20 x 60 con. stave and (1) 24 x 40 Herd King silo with automatic feeding systems. Beautiful red brick house 3 bedrooms and bath, full basement with 1,000 sq. ft greenhouse attached Second farmhouse 4 bedrooms, 2 baths **$365,000** also cattle and machinery available **#103**

YORK COUNTY
365 acres 150 comfort stalls in two rows all tie barn 310 ft long w/pipeline barn cleaner bulk tank and office space Old barn with hay storage and loafing space for heifers and dry cows Two Harvestores, trench silo and corn crib Two modern recently built houses, 1 brick and 1 stone - real showplace with four trailers for hired help Second one with very large barn, remodeled house and outbuildings Must be seen to be appreciated outstanding! All for **$700,000. #104**

8 acres 8 room frame house, oil hot water heat, double corn crib beautiful setting back off road with farm pond **$58,000. #144**

LEHIGH COUNTY
102 acre steer farm barn feed lot and silo Large stone house center entrance, ready to be renovated Raised price **$175,000 #145**

ADAMS CO.
12 acre Chicken Farm 50,000 bird cap 4 times per yr on contract insulated controlled environment bldg. 2½ story 7 rm frame hse 2 baths, 143 x 140 and two 42 x 288 2 story chicken houses Also 8 crate farrowing hse **$166,000. # 157**

WESTMORELAND COUNTY
142 acre ready to go fully equipped jug milk store with complete meat store operation Paper and jug milk processing 110 cows full line of modern machinery 3 houses sheds and barn Harvestore Silo Milk store on 7 acres next to development in town 135 acre dairy farm with sewer line to edge of property located with 6½ miles of new VW plant to start production within a year What a wonderful opportunity for good operator with sound business sense All for only $650,000 **#146**

COLUMBIA CO
147 acre Grain Farm 130 tillable very nice large field gently rolling Large frame 7 room house modern kitchen new oil H O W heating system barn & outbuildings **$150,000. #106**

CLINTON COUNTY
180 Acres Frame barn 37 comfort tie stalls bunk feeders 7000 bu corn crib Lays in the beautiful Nittany Valley All level tillable Hagerstown soil. No house available **$375,000 #105**

POTTER COUNTY
89 Acre New 84 Free Stall barn new milking parlor silo 10 room frame house 2 car garage grain bin & outbuildings **$85 000 #102**

40 Acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109**

OTHER FARMS AVAILABLE
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H 1066D with factory cab, 1974 air conditioned, AM FM radio differential ock, 18.4x38 8 ply singles with dual hubs, 500 hours

IH 666D Hydro, Year-A-Round cab, heater, 1973,, 1910 hours

ALL NEW & USED PRODUCTS BACKED BY: HOOBER PARTS & SERVICE!

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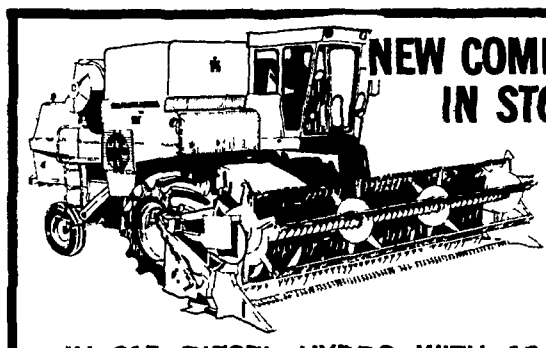
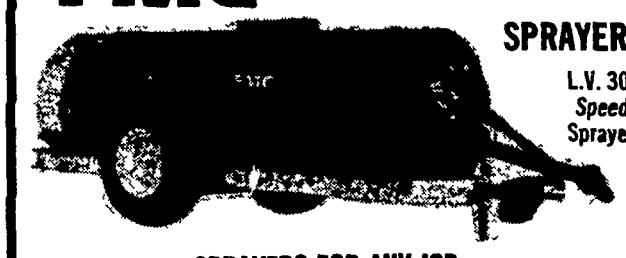
NEW COMBINES IN STOCK



IH 815 DIESEL HYDRO WITH 13 FT. PLATFORM AND NO. 844 CORNHEAD

IH 915 DIESEL HYDRO WITH 15 FT. PLATFORM AND NO. 863 CORNHEAD.

FMC BEAN SPRAYERS



L.V. 300 Speed Sprayer

SPRAYERS FOR ANY JOB

Orchard, vegetables, field sprayers, shade trees, livestock pen washing, etc.

USED TRACTORS

F1468D
F1066D Hydro
F1066D w/Year-a-Round cab
F666D Hydro w/Year-a-Round cab
F1466D w-cab
F856D
IH F656D
IH F460 gas
IH F560D
IH Farmall M
Deere 4010D
Deere 3020D
Bobcat Skid Loader
IH F656 Gas

USED HAY EQUIPMENT

IH 1150 Grinder-Mixer
IH #8 Flail chopper
IH 225 Hayswather
IH 105 Grinder-Mixer
Case Hay rake
IH 37 Baler
IH 37 Baler w/engine
Case Baler
Hesston Hay Stacker
Allis Chalmers Blower

USED COMBINES

Massey 750 w-6 row corn head, 13 ft. platform
N.H. TR70 w-4 row corn head, 13 ft. platform
Massey 760 w-6 row corn head, 15 ft. platform

USED SPRAYERS

Bean 100 Gallon Tank w/10 gallon pump
Myers 200 Gallon Tank w/Hose

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June is dairy month

JUNE DAIRY MONTH SPECIALS

KENDALL MILK FILTERS

(Non-Gauze)

Pack of Three

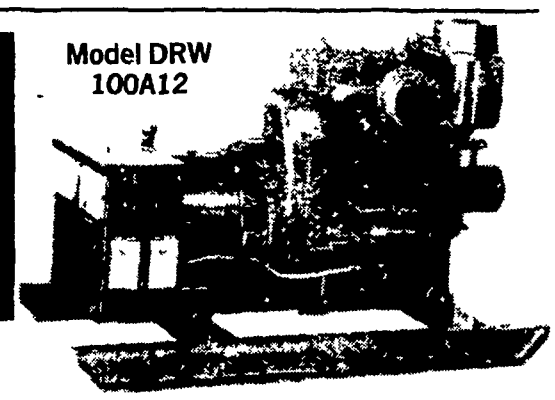
Only $4.00 Reg. 4.80

KENDALLS MASTITIS TREATMENT

ONLY $10.75 CARTON OF 12

Oswald

Model DRW 100A12



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From 3.5 KW to 100 KW

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MODEL SELECTION						
60 CYCLE — 1800 RPM						
MODEL	KW	VOLT	PHASE	WIRE	ENGINE MODEL	STARTING METHOD
DRW 100M1	10.0	120	1	4	SR3	Manual
DRW 100A1	10.0	120	1	4	SR3	Electric
DRW 100M12	10.0	120/240	1	4	SR3	Manual
DRW 100A12	10.0	120/240	1	4	SR3	Electric

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or Sale - English shepherd pups, ideal farm and stock dogs, very friendly and obedient, $35 Ph 215-445 5120

For Sale - 62 Int dump truck, good condition Phone 717-786-1045

For Sale - 3 pt hookup crane lift $25, 8N Ford thin wall sleeve and piston kit, new, $45. Phone 717-665 2126

For Sale - Fireplace stove with screen in front Phone 717-872-7166

For Sale - 1964 Ford cab over, 14 ft flat bed, good condition, $975, David Bradley garden tractor with plow, disc, and drag $85. Call 717-684-8865

For Sale - NH 880 Harvestor with corn & pickup attach Excellent condition, will trade. Phone 717-677-8510.

For Sale - 1949 Ford truck F5, flat head 8 motor, also one bushel apple crates and sweet corn and celery crates Phone 717-362-9233

For Sale - Farmall 300 with fast hitch and PS, TA, in good condition Phone 717-259-9491

For Sale - One acorn cable barn cleaner approx 220 Ft or more of stainless steel cable spare parts and new elevator shoot Phone 717-365-5693

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or Sale - Int TD 6 or TD 9 power take off reduction gear MM power unit Good running condition Amish buggy roller bearings, good shape Omer Stoltzfus, Box 52, Madisonburg, Pa 16872

For Sale 8N Ford tractor, 3 pt good condition JD 3 16 trip back plow, 440 gal Esco tank and comp Make offer Ph 717-865-5920

For Sale - AC Gleaner Combine, Model G, 13' grain table, 435 corn head, very good condition Ph 717-426-1501

For Sale - Purebred Holstein service age bull, Sire RORA Dam 23 045M, 811F, Amos B Lantz, RD1, Leola, Pa Hess Road

---

For Sale NH 455 mower on wheels, $495, NI crimper, late model $475, hay tedder $275, NH flail chopper, $795, all in like new condition Ph 717-354-0266

For Sale - 12 Holstein springing heifers due Aug, Sept and Oct, good size and health charts Ph 717-993 2831

For Sale - Reg service age bull by Merry King out of 21,000M, 700F dam Also Starline litter carrier track and switches and trolley Apply to Daniel P Kauffman Box 156, Honey Brook, Pa 19344

For Sale - Yorkshire feeder pigs Ph 717-529-6239

For Sale - RO Elevation son out of VG Hilltop Apollo Ivanhoe w/over 25,000 lb M, 895F, next dam 82 w/over 21,000 lb M, 775F Ph 717-464-2602

For Sale - tomato plants, Royal Ace, Campbell 1327 and Roma, $3.00 per hundred 12 00 per thousand Ph 201-446-3257

Several upstanding first and second calf Holstein springers, out of top Atlantic sires, $550-$675, due to freshen July to Sept Franklin County 717 264 4298

For Sale - 16 99 Ford combine 7 PTO with tank good condition Ph 218 847 5419

IH 50T baler 8 x 50 endless belt both excellent condition Ph 717 345 3714

For Sale 7 year old standardbred buggy or light carriage horse Jacob S Esch Cinder Road New Providence Pa

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Wanted cylinder head for Oliver 77

Mail Box Market

For Sale Guernsey cow 4 years old, excellent condition fresh June 8-$400 ½ blood Beefalo bulls and heifers, 2 months to 1 year old Ph 717-967-2129

For Sale - milking goat and billy kid silage sides and false endgate for wagon, homegrown sorgum molasses Ph 859-2374

For Sale - 67 VW with Corvair engine, excellent condition, extra Corvair engine with headers, $650 Ph 717-665-6153

Wanted - rabbit pen, large enough for several rabbits Ph 215-593-6571

For Sale - 2 DeLaval milker units with 50 pound pails, excellent condition, $150 each New Holland #66 baler in working condition $100 Ph 717-225-5651

For Sale - Reg Hampshire ram, 5 years old, $50, Grade Suffolk ram 3 years old, $60 Ph 717-286 0978

For Sale - JD 730D electric start, NF $2975 Ph 717-868 5263 after 5 PM

For Sale - 40 series 67 1-½ ton flatbed Chevy truck, 5700 series '68 GMC truck, 20 ft aluminum box body with hydraulic end gate Both in good shape Ph 814-784-3158 mornings

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For Sale - 2 wheel weights used on tractor, $25, 1 belt pulley used on Fordson tractor, power mower, Briggs and Stratton motor, 3 ft cut sickle bar, $40 Ph 215 822-3144

For Sale - Reg Suffolk sheep, rams and ewes Ph 215-593-6521

For Sale - sweet potatoes, sprouts Wanted - second hand wood stove and sink cabinets David B Stoltzfus, RD2, Nottingham, Pa

---

For Sale - 4 steel bands for garden tractors. 2 17 x 8-½ inside dim 2 13 x 6 inside dim. Ph 215 445-6917 after 5:30 PM weekdays

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For Sale - JD #34 single row forage chopper, like new, $1575 Ph. 717-755-6946

For Sale - 8 ft truck topper, good condition, $200 Ph 717-229-2475

For Sale - ear corn at the barn, $75 a ton, wanted parts for Super C Farmall Ph 717-653-1714

For Sale - 10' John Deere dump rake, good condition. For horses, tractor or ornamental, $50 Ph 215-767-3757

For Sale - self-propelled with cab combine, Massey-Harris 80 special, $1500. 2 row mounted Oliver corn (needs work) $200 Ph 717-568-2867

Free dry loose straw and hay, also, 1967 Camaro convertible rally sport, automatic, power steering, good investment, $850 Ph 215-536-0598

For Sale - 50 large Holstein heifers, bred for July, Aug, and Sept Ph. 717-867-2228

For Sale - 225 sq ft seasoned walnut lumber up to 16 inches wide and 8 ft long Ph 215-267-5796

For Sale - Beacon hay preserver applicator Ph 717-249-1428

For Sale - Van Dale silo unloader wil fit 14'-20' silo used 4 years Ph 717-589 3419

For Sale - MF 32 7 ft 3 point mower also 7 hp Dayton alternator Ph 717 933 4859

For Sale - Farmall 404 power steering dual hydraulic system, 3 point hitch, good rubber excellent condition $2500 Ph 717-567-3396

For Sale NH crop chopper $36 $500 Ph 717 896-8376

For Sale Pennbel tobacco plants $5 00 per thousand Jesse L Esh RD1 Narvon Pa 17555

For Sale Standardbred stud colt 3

Mail Box Market

For Sale - Celery plants Fordhook 253 Skyview Lane between Brownstown and Rothsville Ph 717-626-4669, Ervin Burkholder

---

For Sale - Horse breaking cart in good condition $200 or best offer Ph 215-856 7659 or 215 582-2939

For Sale - JD 4020 tractor, NH self propelled haybine #1469 very good shape Behl #95 feed grinder and mixer, new Ph 717-259 7090

For Sale JD combine Model 12A with motor, bin, windrow pick-up attachment and screen for clover $125 Ph 215 689-5321

Offering lovely home grounds, good food and a small salary for one or two persons in exchange for good hard farmwork. Dan 301-452-5657.

For Sale 57 Chevy not running, good body, restorable, $175 or best offer Ph 215-562-2397 after 5 p m

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For Sale - Case 950 SP haybine, 12 ft cut, good condition, $850 Ph 717-865-2635.

For Sale - NH Super 717 2 row harvester $1550, NH 510 triple beater spreader, $775 Both in very good condition Ph 215-673-7802

For Sale - late model JD 780 windrower 9' head, good condition best offer Ph 717-334 8553

For Sale ear corn Joseph C Fisher, RD3, Oxford, Pa Ph 215-932-8499

For Sale - '57 Chevy 2 door hardtop, black Ph 215-932-3352, also 1976 Monte Carlo for sale or trade for full size car

---

For Sale 8 ft grain binder with engine, good condition Jacob B Ebersol, RD2, Box 128, Peach Bottom, Pa 17563

NH 77 baler with VE4 motor good condition, $200 Ph 717-235-3505

For Sale 1965 Ford ¾ ton pick up, $500 Also, one set hog racks, $50, 717-733-6355

Wanted - All or mostly Reg herd of Holstein dairy cows Glenn S Gingrich, RD4, Box 45, Lebanon, 717-867-5195

Wanted - Used dump truck cylinders and pumps Also, church pews, 717-345-4854

For Sale Tobacco plants Pen-Bell Also, Ford Hook, celery plants Paul R Zimmerman, Route 2, Pleasant Valley Rd , Ephrata

---

For Sale - 500 Esco Tank, no compressor, $250 or best offer Near Myerstown Phone 717-949-3847

Wanted 12 hole hog feeder also for sale AKC female Norwegian Elkhound Phone 717-733 1048

For Sale - Fireplace wood $35 pick up load, you haul Phone 717-656-6397

For Sale - Family Jersey Cow, milking 30 lbs a day and bred back Call 215-489-9015

For Sale 16 cu ft hotpoint refrigerator, no frost white $100 Sears 30" electric stove white $50 Phone 717 665-7188

For Sale Elevation Bull Calve born Jan 24 1977 Dam has records of 18,000 lbs milk, Phone 215 837 0959 after 7 PM

For Sale 65 split locust posts $1 50 each Phone 717 665 6023

For Sale IHC 1066 diesel hydro tractor with year around cab and heater 860 hrs 10 ft miller offset

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For Sale - 1960 Chev truck 60 series, 18 ft flatbed for grain 2 speed rear, inspected Ph 215 857-5933

For Sale - ½ Simmental cow two ½ Charolais cows, 1 purebred Charolais bull all have papers Ph 215-562 2681, Hamburg, evenings and weekends

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For Sale - Antique Diamond T fire engine good working order with Hale 500 GPM pump and hoses Ph 717-896 3042 or 717-652 1957

For Sale - F12 Farmall with mower for parts, $125 or best offer, Farmall H and 2 row mounted corn picker #24C, $745 12 ft Case disc, $550. Phone 717-266-3859

For Sale - 475 year old Leghorn hens laying 80 per cent at 75 cents a piece 700 pullet chicks, hatched May 3, both are Anthony 76 strain Ph 215-445 6142.

For Sale - combine head for uni system Model 711 good condition Ph 717-284-4283

For Sale - Int'l Model 91 self-propelled combine with 8 ft grain head International Model 76 PTO combine w/large grain tank. Ph 301-838-6980

Wanted - bee swarms in Lancaster and surrounding areas Ph 717-464-4114

For Sale Farmall F12 parts, engine, radiator, air cleaner, rebuilt carburator Call Chip at 518-399-4303 evenings

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For Sale Dairy cows, also a truck tire 900-22 5 10 ply Call Frystown 717 933-8388

For Sale - Squibb auto-medic medicator, $100, Super Oliver 77 tractor, good condition Wanted 3 pt rotary hoe Ph 717-354-0338

For Sale - 4 Yorkshire shoats, 50 lbs 10 weeks old. Ph 717-284-4942 after 3 30 PM

For Sale - Black Sheep - yearling ewe, ewe lambs and ram lambs Gray and black grease fleeces for spinners Buy from the farm and save Ph 215 469-6110

For Sale - 9N Ford runs good, good rubber, 3 point draw bar, spare wheel, 4 wheel jack, $1100 or best offer Ph 717-786-4791

For Sale - 20x35 Harvestore new in 1974, complete with high moisture grain unloader and crimper, $8000 or best offer Ph 717-762 1926

Wanted - Reg chow-chow male puppy or grown dog Write to Amos Kilmer, RD1, East Earl, Pa 17519

For Sale - good used breaking cart also 6 year old sorrel saddlebred horse, sound and traffic safe Stephen S Fisher, 141A North Ronks Road, Ronks, RD1, Pa

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We now have the bright blue 100 per cent wool carriage blankets again Earl Woolen Mill, RD2, Ephrata, Pa

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For Sale - warm morning 65 000 BTU gas heater and tropic air 40,000 heater Pipe included Araucanas (colored egg) chicks several sizes Ph 717 684 5352

For Sale 2 year old purebred Hereford bull, Mill Ivan breeding from Northern pump Company Ph 215 939 0257 or 215 756-6296

For Sale 220 lb white boar 3 way cross Ph 215-445 6510

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For Sale - M-F baler and bale thrower 5 hp rota-tiller, 10 hole hog feeder, 3 bar hay rake, NH mower conditioner Ph 717-456-5172

For Sale - Oliver 70 row crop tractor with cultivator in good condition Ph 215-488 6503

For Sale - 600 gal Girton Delux milk tank Ph 717-749-3805

For Sale - M F bale thrower with gasoline engine Ph 215-944-9330 after 5 PM

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For Sale - 4 Universal milkers 45 lb. DeLaval pails with Un or DeLaval shells 2 Stainless strainers Stephen A Lapp O RD2, Pa

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Wanted - farm magazines 1960, Farm Journal succe farming, etc. Please state pric condition, first letter Dan R PO Box 102, New Milford New 10959

For Sale '74 Chevy ¾ ton tru speed, 16,000 original miles tires, best offer over $300 717-684-5510 after 5 PM

June is dairy month

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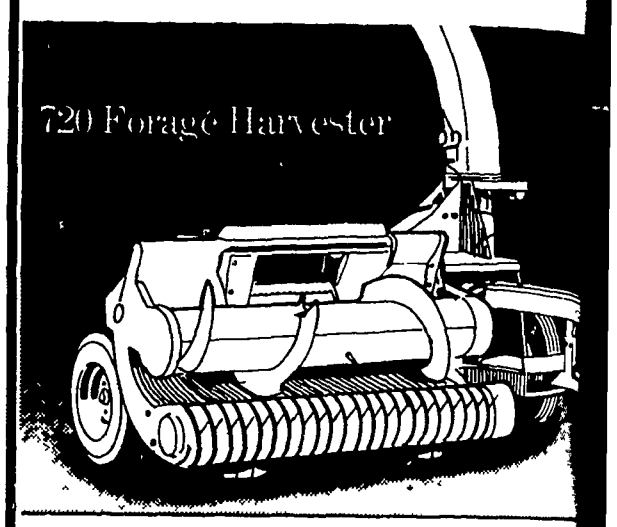

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IH 550, 5-16" plow, new bottoms
IH 540, 4-16" plow
IH No. 55 9 ft chisel plo
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JD 17x7 grain drill
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IH 13x7 grain drill
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JD 494A, 4-row planter
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For Sale - 7 Yorkshire Boars, close to service age Isaac Z Martin, R.D #4, Lititz, Pa 17543, Phone 717-733-0285.

Wanted - New Zealand red rabbits Phone 717-872-5523

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For Sale - 3 purebred Yorkshire Gilts. Henry Fisher, Bird-In-Hand, Pa 7 yr. old mare work horse

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2-way Int. hay Cond Call evenings. 215-469-6325

For Sale - Model CC Case on steel, working shape H E Miller, RD 1 Box 85, Wyoming, DE 19934.

Wanted 6 or 8 can mechanical milk cooler Eli S Stoltzfus, Box 65, Madisonburg, PA 16852

Wanted - Good used bull pen, No 323 one-row picker. State price and condition Samuel S. Glick, RD 1 Mill Hall, PA 17751

Step Saver for vacuum tank, 1½ Receiving Jar, 1½ Glass & Stainless steel for pipe line Ph: Chambersburg,717-263-5986

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For Sale Two 4-cylinder Wisconsin engines, just overhauled like new. Wanted - Trolleys and tub for Jamesway litter carrier John Z Fisher, Box 303, Kirkwood PA 17536

For Sale - 1975 Chevy ½ ton pick-up truck, 6 cyl standard trans, less than 10,000 miles, like new Owner deceased Ph 717-386-4202

For Sale - one month old reg Ayeshire bull Dam: Maestro Klondike, Sire Commander Star Ph 717 524-0695.

For Sale - 1970 MM 3496 combine, 12' grain and two row wide corn 860 Ford with loader Ph 717-672-2453

For Sale - 3 throw-baler wagons $400 each, 3 50 lb Surge Milkers, $25 each. Ph 717-456-5072

For Sale - Reg Holstein bull, 16 months old; Sire: Cotterdale Astronaut King Dam Very good 85, 17,150 milk; Maternal sister VG86, 19470 M $550. Ph: 301-848-6794

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Wanted - used portable hog farrowing houses and farrowing crates Ph: 215-488-7217.

For Sale - JD 530 tricycle tractor, PTO, 3 pt hitch; 3 gang plow, snow scoop, manure bucket, 28 disc hydraulic on rubber, 3 pt 7 ft. mower; JD cultivator, 1 heavy duty hyd. cyl $3775. Ph 301-833-3494.

For Sale - rockshaft and cultivator to fit 2510 or cultivator can fit 530, Ph: 717-354-0810.

For Sale - 73 Chevy 1-½ ton pick-up truck, 8' body, very good condition, $2500 Ph. 215-693-5624.

For Sale - 1975 Valiant 4 door sedan Automatic, power brakes, power steering, air conditioning and radio. Ph 717-665-3393

For Sale - #3 McCormick forage and ensilage blower, belt driven, plus gooseneck and sections 8" pipe Cultivators to fit Farmall H Ph: 717-684-2515

For Sale - PTO pulley for D2 caterpiller, like new Ph 215-258-2664

Horses boarded, pasture and hay storage space available Near Chestertown, Md area Ph: 301-778-2138 8-11 PM

For Sale - 400 gallon Mojonnier bulk milk tank, good condition, compressor, controls and automatic washer included, $700. Phone 717-776-3084.

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Wanted - 35 cows Phone 717-272-0041.

For Sale - Ford Ferguson 9N, new rubber, rims, wheel weights, recently overhauled, $1400 Greenwood, New York 607-225-4256.

For Sale - PF Arlinda Chief son from VG 85 Astronaut. 2-8 355 days 19,085 M, 3.5 test, 662F at 3-8 305 22,271M, 3.9 test, 878F. Bull age 100 pounds 3 mos Ph: 717-382-4592

Sale - double dresser and full size headboard, white/gold trim. $35 Spanish love seat, blue/green, like new, $50 Ph 215-932-5797

For Sale-standard bred carriage horse, 3 years old with papers, has snap cedar chests and sewing machine cabinets. David S Zimmerman 215-445-5924.

For Sale - Two Pintle hook hitches, cultivators for Farmall H or M, IH semimount sicklebar mower, 1948 Chevy engine, trans and 2 speed rear Tire and wheel for Farmall H Ph 235-5189.

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For Sale - 1 year old American LaMancha buck grandson of GCH†'B Brookside Edie $100 Ph 717-273 3506.

For Sale - Pennbel tobacco plants Ph 717-859 1523

For Sale - Md tobacco plants, 4 year old black carriage horse Abram F Stoltzfus, Locust Avenue RD1 Leola, Pa

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Wanted - swarms of honey bees for empty bee hives in Manheim area Contact Paul Derstler, Ph. 717-665-3749 after 3 30 PM or weekends.

For Sale - Automatic calf feeder, takes up to 25 veal or replacement heifers Ph: 717-354-8360.

For Sale - 5 standard individual calf pens, near Lancaster Ph 717-464-2628.

For Sale - 3 boars, 2 year old outstanding, 3 way cross, reason for selling-kept offspring, need new boar Ph 362-8797.

For Sale - 3 DeLaval milker units with Vu-claws and 50 lb. pails, also timer and stall cocks Ph: 717-656 8916

Wanted - honey bee swarms Leroy Eberly, Leola, Pa Ph. 717-656-6131.

For Sale - Case 930 comfort king tractor w/pulley and steel wheels; #65 Gehl portable hammermill, both in A-1 condition. Christian K Miller, Box 350, RD1, Strasburg, Pa

For Sale - FZZ 2" pump with B&S 22 p engine, IHC 4 bar rake, 15" dinner bell. Ph: 717-442-8437

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For Sale 5 ft wooden tomato stakes $1.50 a dozen 717-394-3607.

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For Sale - 710 uni-combine and 713 grain platform bat reel $1200 or best offer Phone 301-879-3341

For Sale - NH 68 baler with thrower, irrigation pump with motor, hwy mower like new, Charolais bull. 215-777-0052 or 775-0508

Wanted Vacuum pump for 3 or 4 bucket milkers Must be in good condition 717-272-2352

For Sale Allis Chalmer D15 excellent condition $300 Also Int 37 baler with No 10 thrower & Schulz Fodder attachment $1500 717-653-8703

For Sale - JD cornplanter, NH manure spreader, Disc, Pull type mower, 3 bottom plow, hay, straw. Phone 215-262-2659

For Sale - Sputniks Smuckers Engine Shop, Eli Smucker, R D 1, Gordonville, Pa 17529

For Sale - 66 Dodge 4 wheel drive ¾ ton pickup with or without hydraulic plow Phone 717-684 8330

Wanted - Goliath Harvester unloader Will trade Hercules for Goliath unloader Phone 215-269-3442

For Sale - 10 year old carriage horse Wanted - Brady Chopper in good condition Ephraim K Stoltzfus, Jacobs Rd, RD2, Narvon Pa 17555

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For Sale - (1) 20x70 Harvestore silo with unloader complete with white top 717-786-3734.

For Sale - Lehr Gravity Bin 717-653-5536.

For Sale - New Holland 460 Haybine 9 ft, good condition. 215-827-7794

For Sale - purebred Hampshire boar shoats Wanted to buy - bred heifers, registered or grade Ph 717-532-8403, after 6 PM

For Sale - ¼ Chianina bull, breeding age, $125 Ph 215-942-2657.

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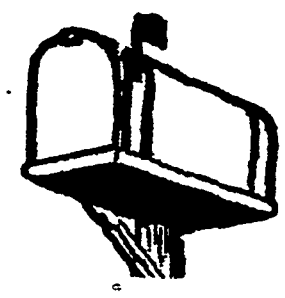
For Sale - 2 ewe lambs, $40 each Ph 215-286-9192

Wanted - sway blocks for JD 620 3 point hitch Ph 717-865-6194

For Sale - 20 York-Hamp-Duroc crossbred gilts, will farrow July and August, $250 each M-H 7' mower, $100. Ph 717-359-5834

Ford 5000 tractor, gas, 4 bot, plow, 2 row cultivator, NH rake Mayrath auger, PTO, like new Ph 215-377-1218 Lehighton



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For Sale Peach Bottom slate, 30 sq Ph 717-733-4973 or 354-4931

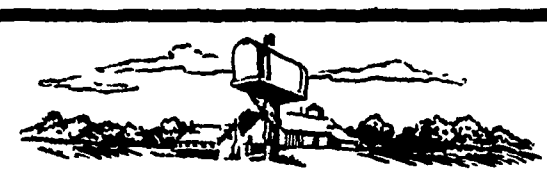
Used lumber, 11 pcs 2x6x14 fir, 19 4 pcs 4x6x12 fir, 20 1x12x12 unplaned yellow pine, at David Good's sale June 15

NH 455 trailer mower, good Ph 717-656-9013

Airedale pups, 6 weeks, AKC reg, farm raised, wormed $75 Jas F Clark, 150 Swedesford Rd, RD 3 Malvern, Pa 19355

For Sale - Massey Harris 60 combine, 10 ft head, good cond 900 Int mower-conditioner, A-1 cond 215-488-1219

For Sale - 1958 Chevrolet ½ ton pickup, good cond Six good tires new paint job, $625 John J Hoover, 215-267-3673



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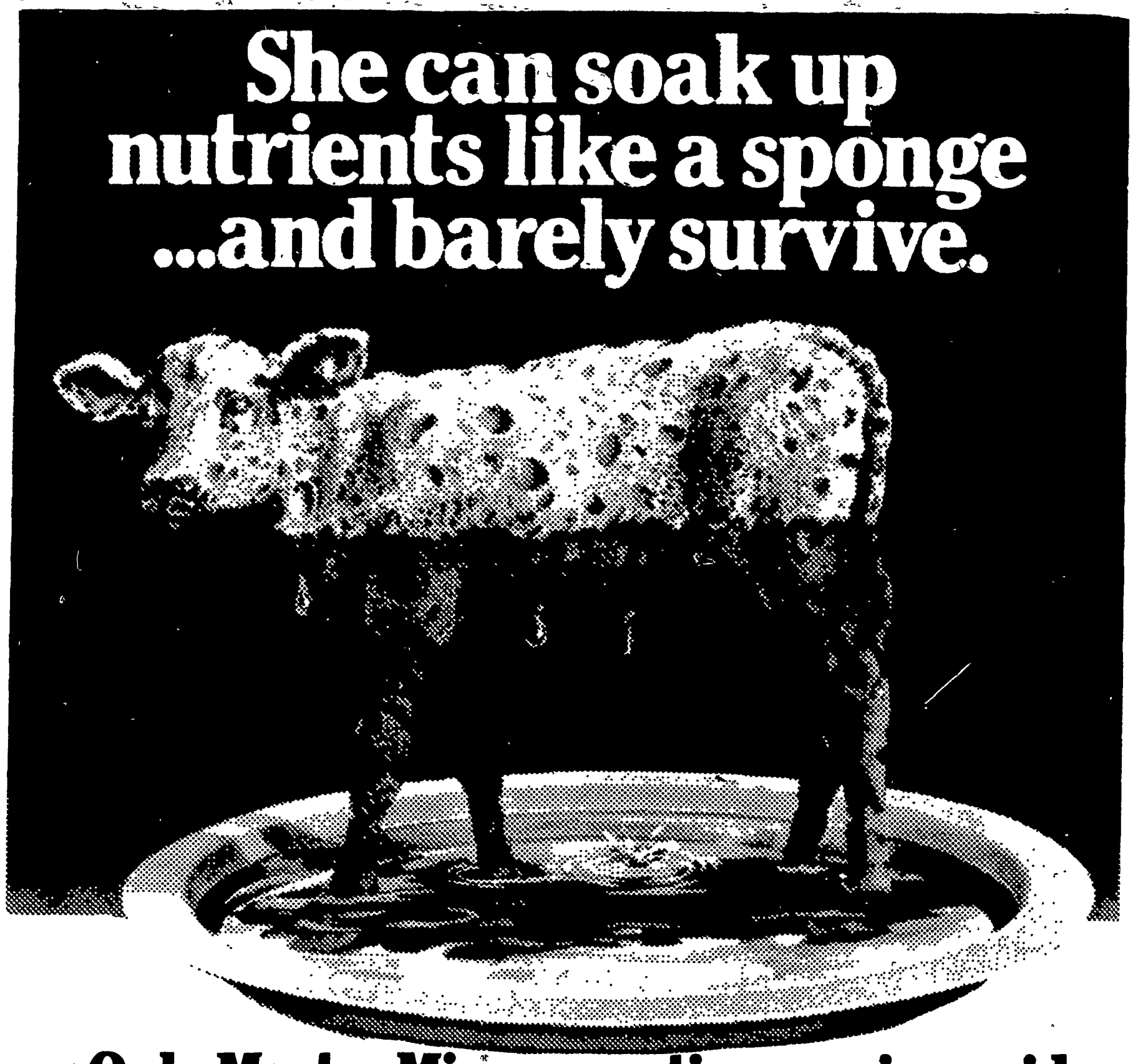

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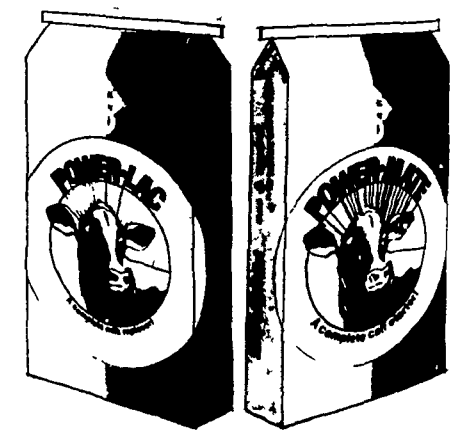

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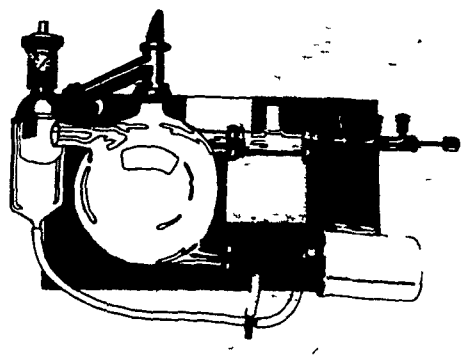

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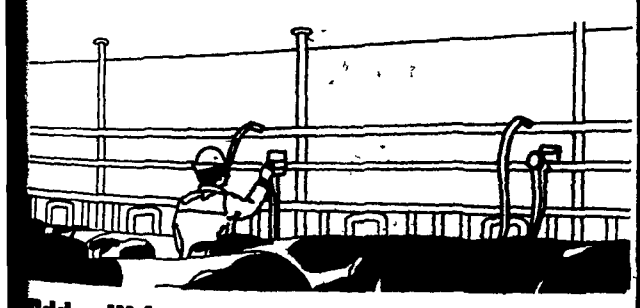

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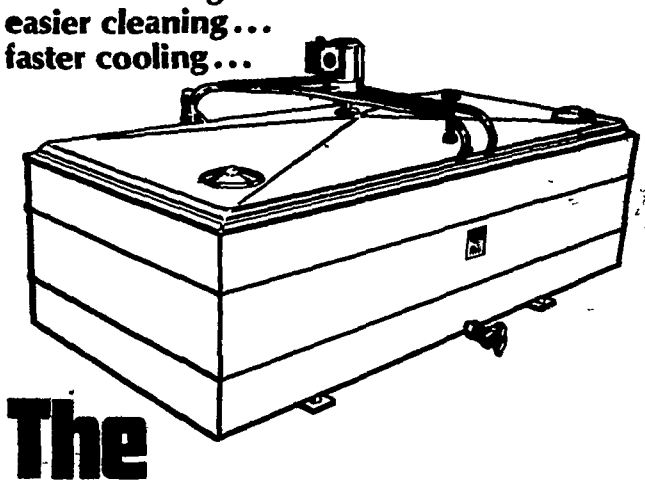

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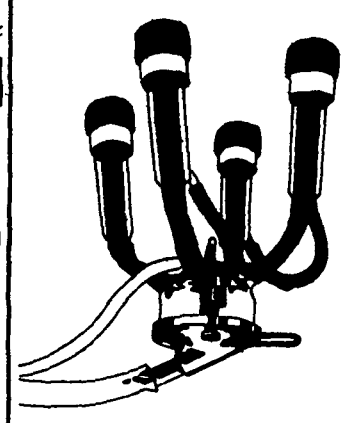

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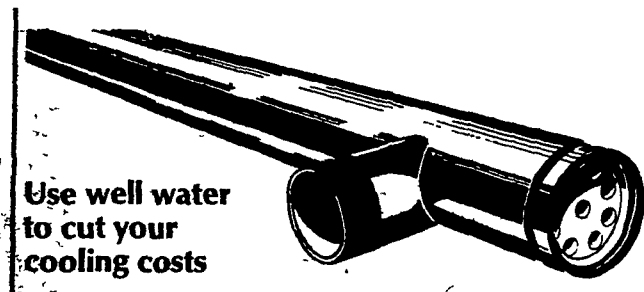

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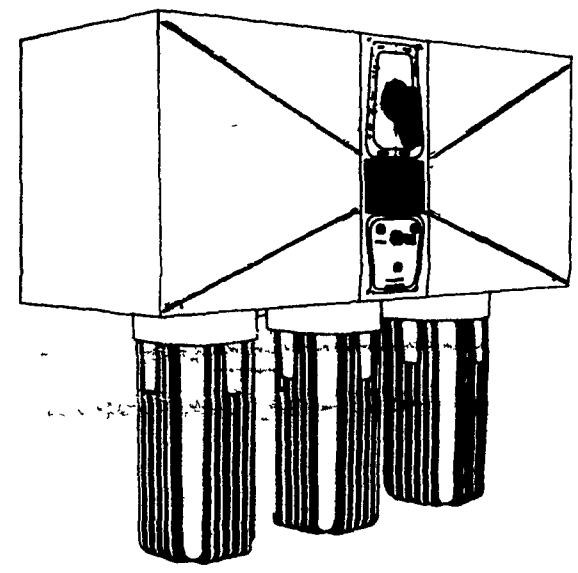

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AGWAY

Portable milk processor is one of a kind

By JOANNE SPAHR

MANHEIM, Pa.–Back in 1971, the Rev. Richard Canfield, Manheim R1 a businessman, psychologist, marriage counselor, and ordained minister best known for a syndicated radio program, "Keys to Better Living," stepped outside the field of psychology and into the green pastures of the dairy industry in a unique way. At that time, he and a business associate did something no one else had ever done before–they built a portable milk processor.

This idea evolved when the partners realized the tremendous expense involved for a dairy farmer to retail his own milk.

"I saw juggers putting $75 or $100 thousand dollars into processing equipment and then only using it two or three times a week for a total of six or seven hours," Canfield recalls. "I thought a better system would be to put that same equipment to work for six days a week and spread the costs among several producers," he expalined. But, being innovative, Dutch Farms Dairies, as the operation is called, ran into problems, because this concept had never been tried before.

"There were no laws against it," says Canfield's son, Rich, who was helped his father all along in between semesters at college, "But, there were no laws regarding it, either."

Some of the problems arose because of the innovations in equipment that Canfield and his associate incorporated in their portable processor.

To be able to transport the unit, they had to do away with the conventional methods of using a steam boiler to heat the water for pasteurizing, as well as the practice of using an ice bank for their refrigeration.

Canfield pointed out that an eight by 10 foot cinderblock room, approximately, is required to h ouse a steam boiler for a standard jugging operation.

"There are stringent regulations regarding the size of this room, the type of building materials used, and the construction of other safety standards," he said. He also stressed that on a 40-foot tractor-trailer, the boiler room, alone, would require too much space to make it feasible to transport.

So, he did away with the steam boiler and went with a piece of equipment "the size of an overnight case", instead. He used an 18 by 24 inch solid state electric boiler with microswitches to heat his milk directly and instantly.

And, instead of the two or three ton ice bank, which for a stationery jugging operation is normally slowly built-up over night, Canfield cooled his milk instantly with a large refrigerating compressor.

He had several other innovations which he termed "trade secrets." All of these were crammed into the front 10 feet of the tractor-trailer, while the rear 30 feet was taken up by a bulk tank, a bagger, separator, homogenizer, and pasteurizer. These pieces of equipment were standard for all dairies, and were purchased used except for the bagger, which cost Canfield $20,000, alone. It was imported from France.

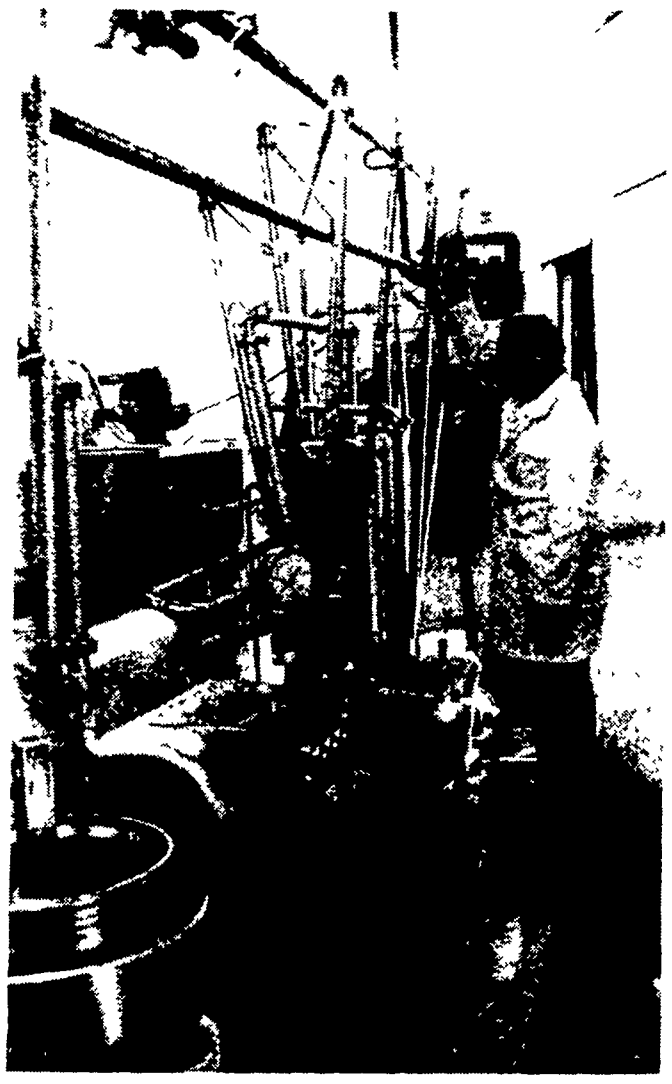
With all the new inventions and the concept of a "traveling processor", Canfield found himself up against the indecision of state authorities who were stymied as to what to do with him. Then, former agriculture secretary James McHale gave him the go ahead, and he was in business, starting out with four customers.

That was in 1972. Today, a few things have changed. First of all, Canfield's associate is no longer connected with the business, and second of all, much of the equipment used has been updated. The original prototype was renovated and a second one built. A third one is also in the works.

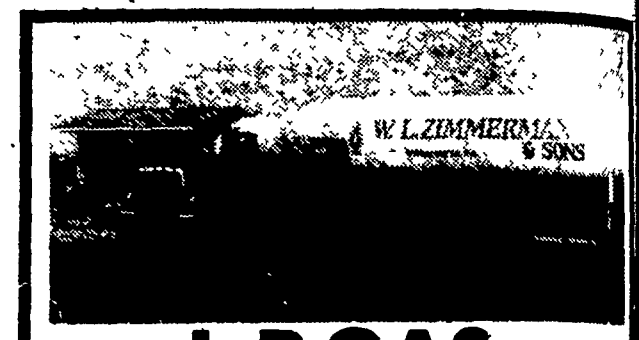
"Being the first ones in this business, there was no one to go to for advice," remembers Canfield, looking back on the trials of "getting the bugs out."

One thing hasn't changed, however, and that is that

[Continued on Page 94]



All the processing equipment in the rear 30 feet of the portable processor is standard, but the front 10 feet of the truck houses his "trade secret", says Canfield.



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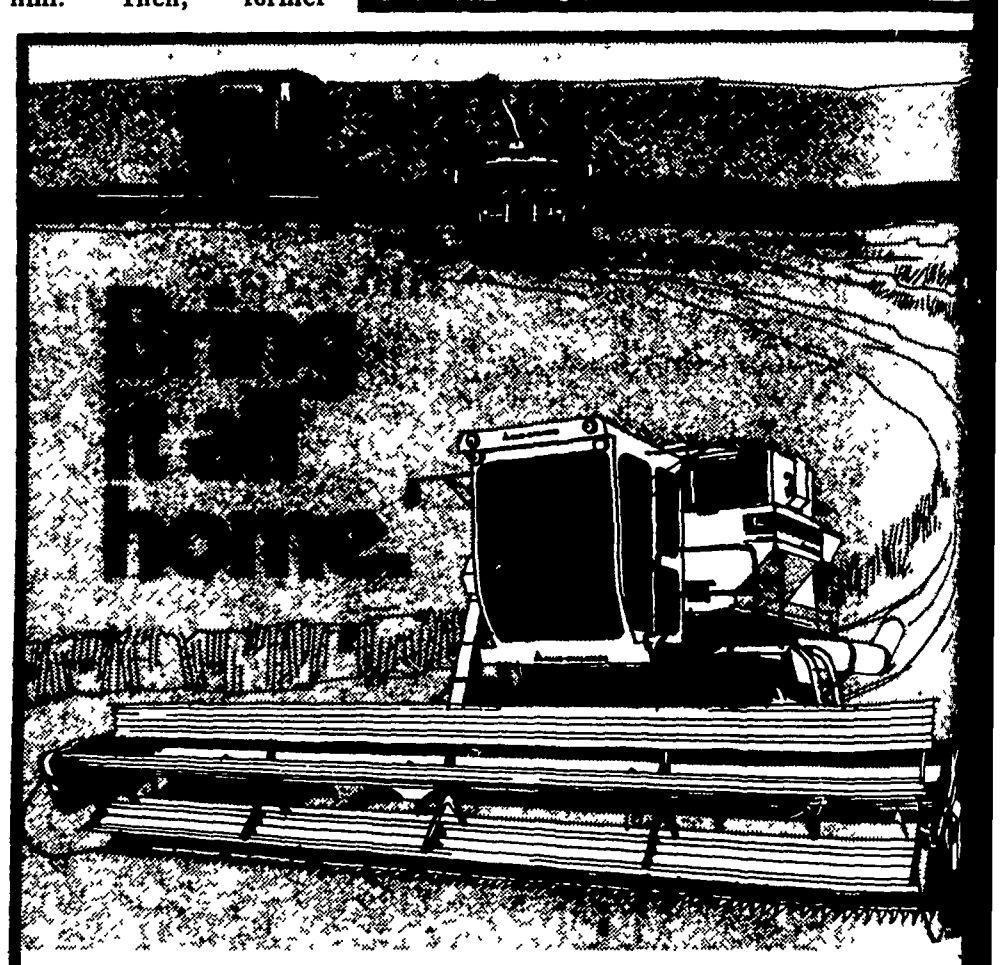

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Accident reports changed

ARRISBURG -- The or burden of filing dent reports with the state will fall on the police rather than the motorist as a result of a change in the new motor vehicle code effective July 1.

To make the police officer's task easier and to help collect accurate accident data, PennDOT's Accident Analysis Bureau has standardized a police accident report for use throughout the state.

Under the new motor vehicle code, the motorist need only report the accident to local or state police and the police then file the report. Police must file state accident reports for any accident involving death or injuries; or if the vehicle is no longer in safe operating condition and must be towed away.

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NACTA to meet

UNIVERSITY PARK, Pa. Agricultural educators and administrators from about 25 states will convene on Penn State University's main campus June 13-15 to take part in the annual conference of the National Association of Colleges and Teachers in Agriculture (NACTA).

"The association, organized in 1955, seeks to improve agricultural programs and instruction at the college level" points out Dr. Jerome K. Pasto, associate dean for resident education in the Penn State College of Agriculture.

Grain inspection at Albany

NEW YORK, N.Y. - U.S. Department of Agriculture grain graders began inspecting and weighing grain in Albany, NY, on June 5, a spokesman for USDA's Federal Grain Inspection Service (FGIS) announced.

Albany is the seventh grain-shipping port where FGIS personnel have taken over grain inspection and weighing duties formerly handled by private or trade organizations. The federal takeover at the ports is called for in a grain inspection reform law passed by Congress last year.

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Sulfa drug residues found in hogs

NEW YORK, N.Y. - Noting that sulfa drug residue violations are continuing in slaughtered hogs, the U.S. Department of Agriculture announced that it will further step up its testing and surveillance program.

At the same time, officials of USDA's Food Safety and Quality Service (FSQS) said a task force has been established in the Food and Drug Administration (FDA) which is now drawing up recommendations and options designed to lower the incidence of residues. FSQS has been coordinating sulfa drug residue testing with FDA and both have been working with the swine industry to find a solution to the problem.

FSQS officials became increasingly concerned over the sulfa drug residue problem in swine late last year when their earlier efforts to work with the pork industry did not reduce violation levels. Annual violation rates for sulfa drug residues had been running approximately 10 per cent (9.97 per cent of 341 samples in 1974; 11.56 per cent of 294 samples in 1975; and 9.44 per cent of 1,493 samples in 1976).

As a result, testing and surveillance activities were increased beginning in January, and hog producers throughout the nation were publicly advised to take extra precautions in following proper withdrawal periods.

From January through March of this year, FSQS meat inspectors have taken samples from 648 hogs for sulfa drug residue tests. These samples were taken - based on a computerized, statistically random sampling method - so as to represent a cross-section of the hogs slaughtered throughout the nation.

Of these 648 samples, 61 were found to be above the tolerance of one-tenth part per million (0.10 ppm). While the majority ranged from 0.10 to 1.00 ppm, a few exceeded 3 ppm. In all of the 61 violations, the specific sulfa compound involved was sulfamethazine. USDA officials are looking into whether there might be something unique about the way this particular compound is used or reacts in the animal to explain why it - more than others - results in violative residues.

FSQS officials also noted that residues above the tolerance were being found in both muscle and kidney samples. They said this confirms the findings of FDA investigations - which indicate that in a great majority of cases, the probable cause for residues resulted from failure to meet withdrawal requirements on the part of producers. On-the-farm mixing and handling of medicated feeds and-or failure on the part of producers to rigidly follow recommended withdrawal periods before sending their hogs to market have frequently been suspected as a cause of residues.

FSQS officials are again advising swine producers that unless the sulfa residue problem is reduced soon, more restrictions would be imposed upon the marketing of those hogs from premises where residue violations are detected. Officials indicated that with the increased sampling system, they anticipate more producers may be required to pretest hogs going to market. With residue sampling being greatly increased by FSQS meat inspectors, these restrictions could begin to affect marketing patterns.

When hogs are found in violation, the producer has the option of either sending a few hogs to market for pretesting while holding the balance until laboratory results can be obtained, sending all hogs to market and having them retained after slaughter by FSQS inspectors until laboratory tests are completed. Either way, the cost to the producer can be considerable, USDA officials say.

In addition to following withdrawal periods recommended, swine producers who feed sulfa drugs - or any medicated feed - should make certain that feeders are thoroughly cleaned when switching from medicated to non-medicated feed. FSQS officials emphasized that just a small amount of medicated feed when mixed with non-medicated feed, may be the difference in retaining illegal levels of drug residue.

Universal milk sample proposed

NEW YORK, N.Y. - The U.S. Department of Agriculture has proposed an amendment to the U.S. sediment standards for milk and milk products which would allow the use of the "universal sample" for sediment testing.

The "universal sample," currently used in many tests to determine the quality and composition of milk, is a 1, 2, or 4-ounce sample taken each time milk is collected from the farm. Use of the universal sample for sediment testing would eliminate the need for larger one-pint mixed samples, although both testing methods would be acceptible.

Sediment testing of milk has been used by the milk industry in quality improvement work and by regulatory agencies as a basis for rejecting milk produced or handled under unsatisfactory conditions.

The amendment, proposed by dairy officials of USDA's Food Safety and Quality Service (FSQS), would provide sediment standards proportional to those presently used and includes visual aids for use in determining sediment levels.

Public views or recommendations on the amendment are invited on or before July 15. Comments should be sent in duplicate to the Hearing Clerk, Rm. 1077-S, U.S. Department of Agriculture, Washington, D.C. 20250, where they will be available for public inspection Monday through Friday between 8:30 a.m. and 4:30 p.m.

The proposed amendment, if accepted, would go into effect, Sept. 1. The proposal was in the May 26 Federal Register.

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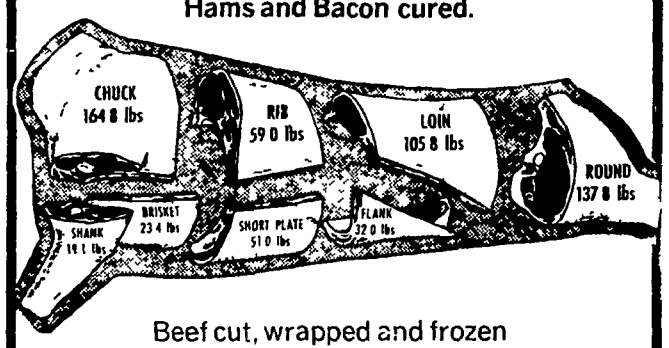

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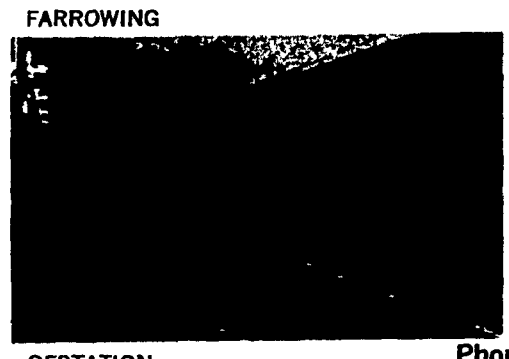
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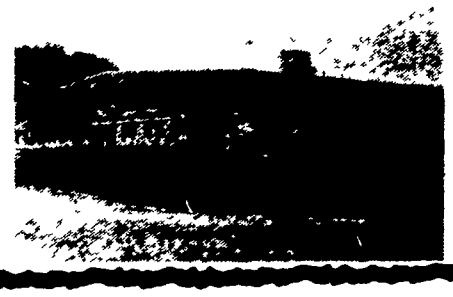

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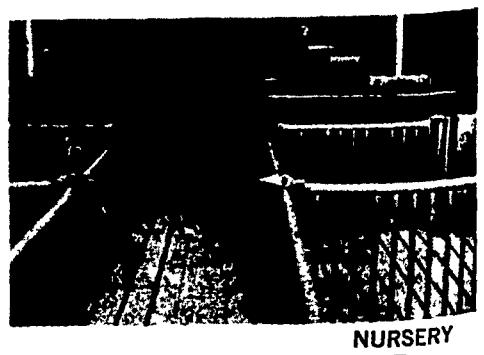
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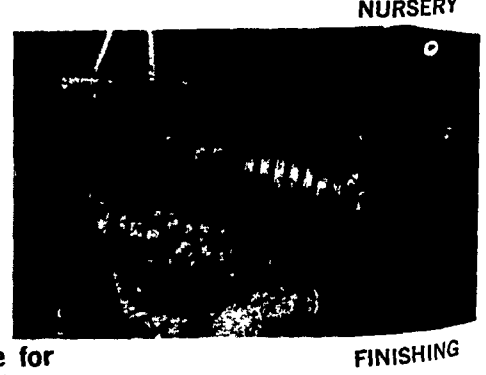
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County 4-H'ers to attend state leadership conference

IVERSITY PARK, Pa. ineteen Cumberland ty 4-H members and 23 gomery Countians will specialized leadership when they take part in sylvania 4-H Leader- Congress, June 20-23 on Penn State University campus.

county delegations oin with approximately other 4-H members all counties in the monwealth to share and contribute ideas which will improve local community programs. At 4-H Congress, they will take part in assemblies, discussion and interest groups, and recreational activities.

Members from Cumberland County participating in 4-H Congress are: Robbie Adler, Carlisle; Pam Coyle, Carlisle; Kelly Henry, Newville; Karen Hornbaker, Shippensburg; Debby King, Mechanicsburg; Wendy Mains, Newville; Betsy Nichols, Mechanicsburg; Bob Otto, Carlisle; Diane Pecukonis, Mechanicsburg; Kendra Saphore, Mechanicsburg; Jim Schlusser, Carlisle; Karen Smith, Shippensburg; Joan Strock, Mechanicsburg; Cindy Whistler, Carlisle; Lana Whitcomb, Boiling Springs; Greg Williams, Shippensburg.

Montgomery County 4-H'ers are: Ted Teaford, Stephanie Jones, John Graybeal, Mary Ann Ribick, Jeff Craig, Stacy Seybold, Jamie Graybeal, Yvette Amor, Edie Dawson, Rochelle Clary, Maxine Haley, Don Wampole, Jane Yarnall, Robin Clancy, Andrea Weller, Jennifer Brosso, Trish Mangle, Meg Comeau, Cathy Entrot, Ellen Brosso, Connie Yeager, Eric Jones, and Tom Powell.

"This year's event will include six areas of leadership orientation and development," said Roland Freund, Cumberland County agent. "A Leadership School for teen leaders, a State Leaders Forum for adult leaders, Congress delegates workshops for 13 to 15 year olds, day camping training, and 4-H reporters training are aspects of the program."

Selected teen leaders will attend a special school designed to increase skills to work effectively in planning and conducting county youth programs. Topics will include communication skills, understanding social concerns and group processes, and recreation.

Leaders and Extension staff members will meet with College of Agriculture officials and participate in educational workshops involving the understanding of leadership principles, working with groups, communications, and subject matter related to selected 4-H projects.

Also scheduled during Congress will be a day-camping leadership program. Youth between the ages of 14 and 17 will be involved in this educational experience.

Highlights of the four-day conference will include Dr. Tom Haggai, a nationally known speaker, sponsored by General Motors; The Iron Clad Agreement, a dramatic performance about the life of Luther Burbank; and Celebration Mini Theature's Duet, featuring Garbo and Jillian, who perform mime, dance, magic, juggling, and acrobatics.

Irrigation checked

OAK BROOK, Ill. - Unnecessary breakdowns of irrigation pump engines and the resulting delays in providing water for crops cab very often be avoided, according to the National LP-Gas Association, if farmers take the right precautions. The Association suggests five trouble shooting tips to follow before this Summer's watering period begins.

First make a routine maintenance check on all pump engines prior to their use. The check should include oil changes, spark plug replacements and greasing.

Second, start and run the engines before they are to be used, so that any possible mechanical failures can be spotted. During the height of the irrigation season there may be delays in getting repairs done to equipment.

Third, review all irrigation needs well in advance so that any additional equipment can be ordered in time.

Fourth, fill up all available storage and engine tanks with propane, well in advance, to avoid unnecessary deliveries during the irrigation period which could cause the system to remain idle while new supplies are ordered.

Fifth, during the irrigation period, check oil and propane levels as a routine.

Winners named

LANCASTER, Pa. - Seven Lancaster County youths have been named winners in the cooperative business education program sponsored by the Lancaster Cooperative Council.

They will represent the county at the Pennsylvania Association of Farmer Cooperatives Summer Institute, July 10 to 13, at Shippensburg State College.

Selected were Daniel Witwer, East Earl R1; Elvin Huyard, New Holland R2; Mary Ellen Bitler, Quarryville R2; June Grube, Manheim R7; Randy Ranck, Quarryville R2, and Kerry Boyd, Ephrata R5.

A total of 43 4-H club and Future Farmers of America youths participated in this year's cooperative program sponsored by the county council.

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*A refrigerant control system licensed under and covered by Westinghouse Patent 3 264 837 and perhaps others

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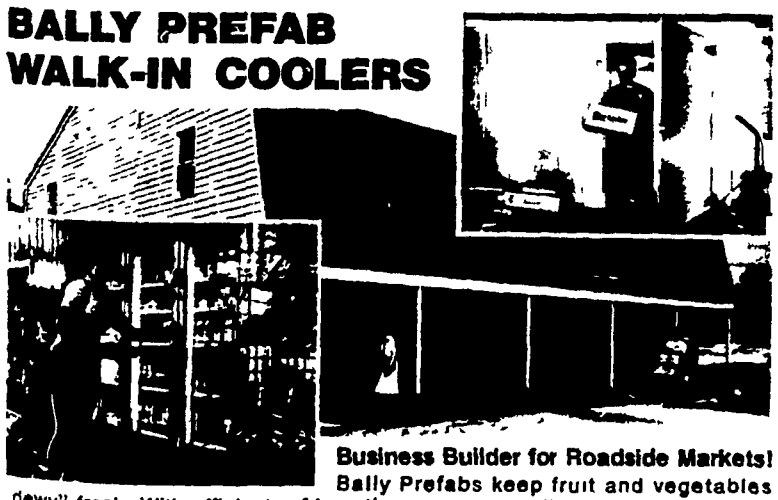

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Portable milk

[Continued from Page 90]

Canfield's operation is still the only one like it in the country. With nine patents on his "trade secrets", Canfield plans to keep it that way.

When Canfield takes on a new account, all that is required is that the customer build a pad on which to park the trailer, and that he supply the water and sewage–Canfield provides the rest of the service. Raw milk runs into the truck, and pasteurized, homogenized milk in half gallon poly bags comes out a conveyor. The small poly containers are then packaged by twos into a larger poly bag and sold by the gallon.

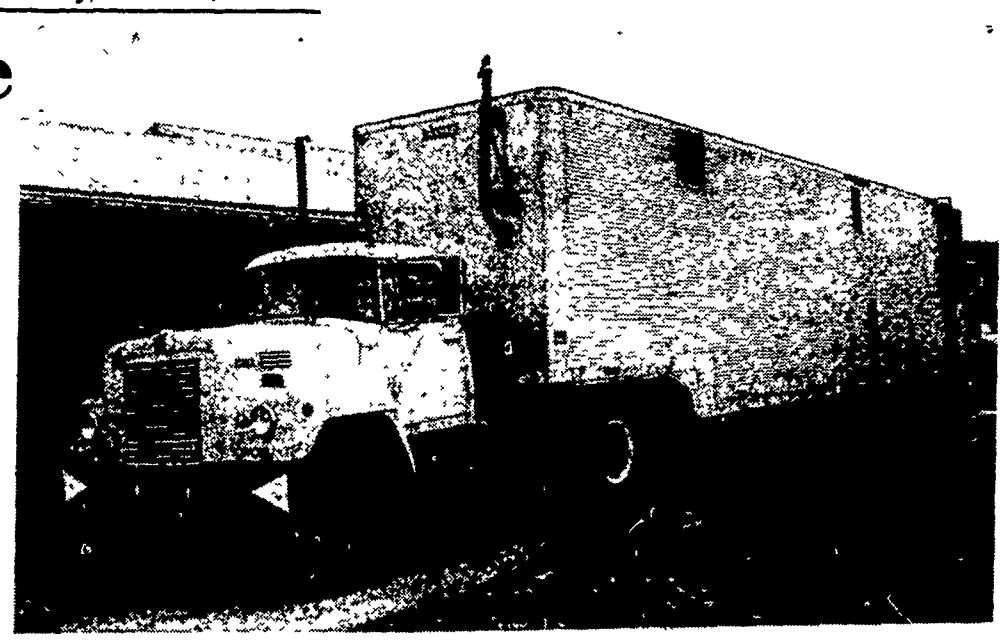
Canfield's operation turns out cream, lowfat, skim, and whole milk. The bulk tank is also used to mix fruit juices and to reconstitite frozen orange juice.

At present, Dutch Farms still uses poly bags as containers, but they are in the process of updating a new unit with cartons. While the poly bags are "holding their own" as far as popularity with consumers is concerned, Canfield realizes that consumers like cartons, so he is adjusting his equipment to meet their desires.

Dutch Farms' average customer load is six juggers within a 30 mile radius of Manheim–30 miles is about the limit for one portable unit, Canfield believes. And, while at this point he is still centered around Manheim, Canfield would like to take his portable plant to other states and abroad. So far, he has received requests from Washington, Wisconsin, and New York.

Dutch Farms stops at each jugger twice a week, and is set up to handle from 500 to upward of 1250 gallons per stop. The maximum price Canfield charges for his service is 20.4 cents per 500 gallons of milk, or $100. Because of the costs involved, he figures that he can't afford to stop for less than 500 gallons. For every 25 gallons past the initial 500, the price drops a half a cent, with the minimum charge 5.4 cents for 1250 gallons.

So, with the combined cost of the gravel or macadam parking area and the processing charges, a jugger can go into business with much less cash outlay than by starting with his own processing plant.



An entire milk processing plant is housed inside this 40 foot tractor-trailer.

Ray Kline, Rothsville, bags half gallon poly containers into larger bags which will be sold by the gallon.

Food stamps reviewed

WASHINGTON, D.C. - Assistant Secretary of Agriculture Carol Tucker Foreman announced recently that food stamp recipients who contest reduction or termination of their benefits resulting from periodic eligibility reviews would continue to receive their stamp allotment until a hearing decides the issue, under new regulations proposed by the U.S. Department of Agriculture.

Assistant Secretary Foreman said the Department agreed to publish the new proposal as the first step toward settling a nationwide class action suit challenging the procedure for reducing or stopping food stamps when a household applies for food stamp re-certification. She said interested persons are invited to comment on the proposal.

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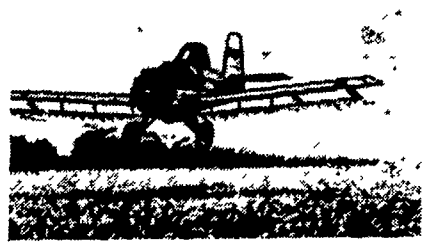

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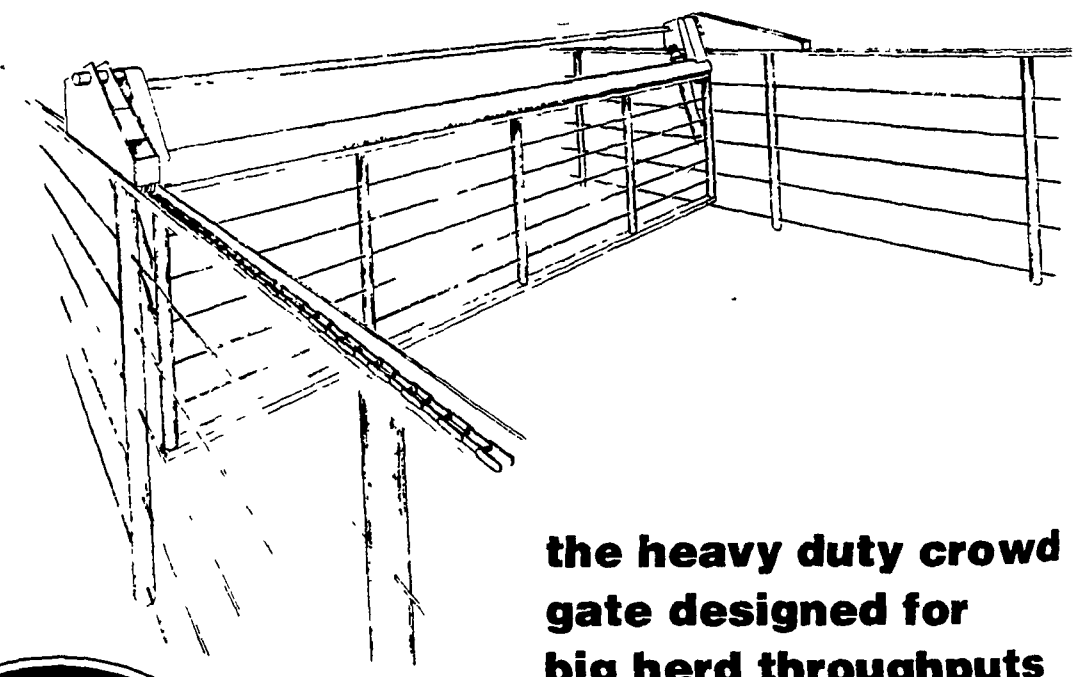

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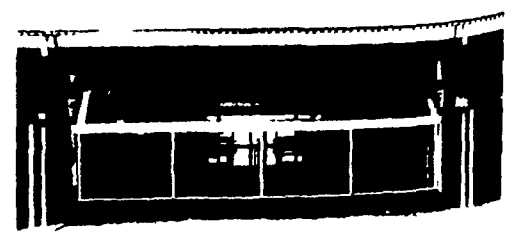

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New registry forms introduced for Simmentals

BOZEMAN, Mont. - Since June 3, Simmental breeders registering animals with American Simmental Association have been receiving attractive new registration certificates designed to provide them with more clear and complete performance and pedigree information.

The new certificates are the first of many items being issued by ASA as part of a redesigned package of performance evaluation and registration materials, according to Don Vaniman, ASA executive secretary.

"Preparation of our new Herd Handler performance evaluation systems has involved redesigning all 32 of the forms we use for communication with our members, including our registration certificate and other items not directly used for submitting herd performance data to our office," he said. "We feel its important to make the appearance of all of our forms match the efficiency of our performance testing programs."

Vaniman noted that eight other breed associations have adopted the computerized performance testing system developed by American Simmental Association, using it to perform test, register and transfer their cattle, and keep their membership records. ASA was the first American beef breed association to make performance testing mandatory to registration.

"For Simmental breeders, it will be a little like getting used to a new currency," said Vaniman, commenting on the attractive tan-colored registration certificates, which are printed in blue and brown ink. "Like our old registration certificates, breeders can establish their authenticity by holding them up to the light to see the watermark, ASA's pictorial trademark."

Vaniman said that in addition to being more attractive than before, ASA's new registration certificates have also been revised for more clear presentation of performance and pedigree information.

The face of the new certificate gives the animal's performance pedigree, showing calving, weaning and yearling performance reported through three generations. The certificate notes the percent of Simmental blood in the animal and its ancestors, gives their horned, polled or scurred status, and in the case of animals being entered in the association's new Brahmental registry, shows whether the animal and its ancestors qualify as Brahmental cattle (at least ⅜ Simmental and ¼ Brahman), foundation Brahman cows or bulls (registered Brahman or Brahman-cross cattle used for crossing with Simmentals), or dual-registered animals (qualifying for ASA registration as both Simmentals and Brahmentals). Brahmental breeders can also enter a sheath score on the animal's registration certificate. If the animal is a Simmental or Brahmental cow, the registration certificate also outlines the performance of her first calf

Vaniman said that all transfer information - including an official application for transfer of an animal recently sold - is on the back of the new registration certificate. When the animal transferred is a female, a Cow Lifetime Production Card is printed by the computer, giving all transfer information including all breeding dates (a.i. or natural service), whether the cow was sold open, bred, safe-in-calf and-or with calf at side, along with other pertinent information required to register a calf sold with her. He explained that since this transfer information for females remains valid for only a year, it has been removed entirely from the face of ASA's registration certificate.

Vaniman noted that ASA's Cow Cards also summarize a cow's performance to date, the individual performance of each of her calves and her Most Probable Producing Ability based on the average weaning weights of her calves. Individual Cow Cards are printed annually at the end of the production cycle as part of ASA's performance testing programs, providing the Simmental breeder with an up-to-date performance summary for each female in his herd.

Major redesign of ASA's registration and record-keeping materials began in late 1976, Vaniman said. "We gathered ideas both from a variety of communications experts and from performance - oriented Simmental breeders who had conscientiously used ASA's performance-testing programs for a number of years. We asked them for ideas on making the programs more simple and workable - rancher oriented rather than computer oriented."

Now renamed "The Herd Handlers 1, 2 and 3" because they are meant to help cattlemen "handle" their herd records more easily, ASA's three performance-testing systems have a new look. "We will now be issuing a series of good looking, very straightforward performance - testing forms, along with clear and explicit instructions for their use," he said. Cattlemen use the special forms to submit herd production information to ASA, where it is compiled and evaluated by computers, and then returned to them on similar forms for use as a management tool.

In keeping with American Simmental Association's current emphasis on carcass performance, a new Carcass Measurement Report has been designed for use with any one of the three Herd Handler systems. The carcass report will allow commercial cattlemen to evaluate the animals they sell, or gather information on animals that have been custom fed. The new form can also be used by owners of registered bulls as a method of progeny testing potential herd sires.

"As a performance-oriented breed association, our major function to help the cattlemen gather performance information, and to make Simmental performance records a practical selection and management tool for the individual rancher - whether he's a purebred breeder or a commercial man," Vaniman said. "We feel that the new Herd Handler materials will not only accomplish that goal, but also result in more efficient collection of individual herd information for use in our National Simmental Sire and Cow Summaries, the foundation for improvement of the entire Simmental breed in this country."

Detailed information on ASA's Herd Handler performance programs can be obtained by writing ASA, 1 Simmental Way, Bozeman, Mont. 59715.

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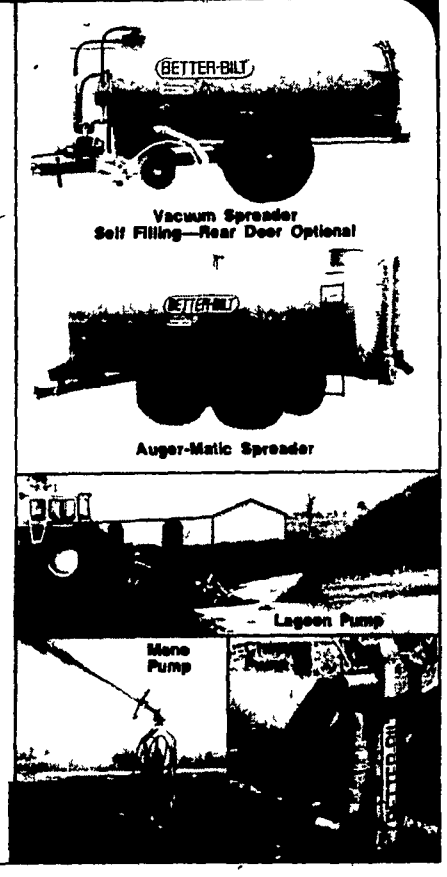

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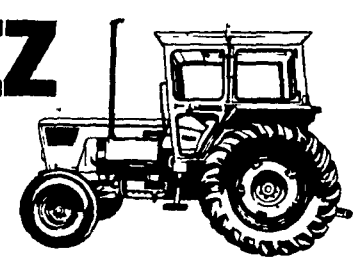

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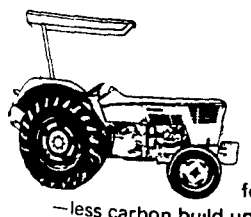

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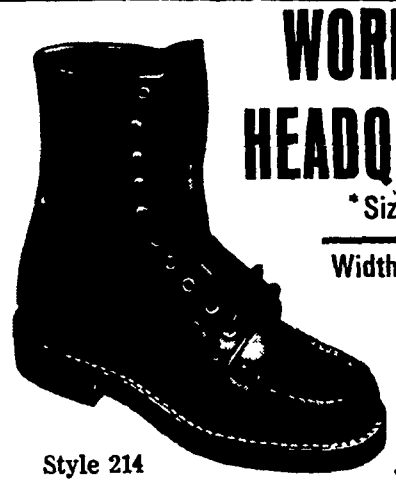

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Chicken hot dogs researched

PHILADELPHIA, Pa. - Ever wonder about those chicken hot dogs or part chicken sausages you find in the supermarket?

Penn State researchers say they're just as nutritious as lean hamburger meat, all-beef frankfurters, milk, and eggs in providing the protein and amino acids people need for a healthy diet.

These researchers have studied the nutritional levels of meat that now can be separated from chicken necks and backs, thanks to improved technology and specialized equipment.

Reporting this week at the Hilton Hotel in Philadelphia before the annual meeting of the Institute of Food Technologists, Drs. Joseph H. MacNeil, Morris G. Mast and Roland M. Leach, Jr. said that "mechanically deboned poultry meat" (MDPM) is a valuable food.

Its use in sausage-type products, they continued, currently contributes to the nation's annual food supply 200 million pounds of a highly nutritional animal protein food.

"The chicken parts being used for hot dogs and related products," says Dr. MacNeil, professor of food science, "were wasted until seven or eight years ago by being used only in pet food.

"Many people get the wrong idea. We're not taking dog food and feeding it to humans. We're diverting an excellent food material into the human diet where it belongs."

Mechanically deboning poultry meat is a relatively recent development that some people may misunderstand, says Dr. MacNeil.

"You have to see a deboner in operation to really understand how it could separate meat from bone," he continues. "What the machine does is to force the soft material (meat) through a very fine screen or sieve, leaving the hard bone behind."

Although some of the finer bone calcium passes through the sieve, Dr. MacNeil says, this can improve the meat's nutritional balance, since the body needs calcium, phosphorous, and other minerals found in bone.

The presentation by Dr. MacNeil and his colleagues was one of 472 given during the four-day conference, attended by more than 9000 persons connected with the food industry.

Dr. MacNeil, Dr. Mast, associate professor of food science, and Dr. Leach, professor of poultry science, are believed to be the first researchers in this country to report on total food value of mechanically deboned poultry meat. Previous research has confirmed that such meat can be packaged and stored safely, and has dealt with specific nutritional aspects.

The Penn State group focused on the total content of mechanically deboned poultry meat. They measured its food value by feeding it to rats and watching how they grew compared to rats fed other high protein food. They also tested the meat chemically to analyze its contents.

Primarily, they were interested in how MDPM's protein efficiency ratio (PER) compares to that of other products. PER is the ratio of weight gain to the amount of protein consum... over a given time period. ... is the standard use ... determine a food ... nutritional value. ... addition, the researche... wanted to learn the amou... of amino acids (the buildi... blocks of proteins) found ... MDPM.

They found not only th... the level of proteins a... amino acids in MDPM ma... the food nutritionall... valuable - but that specially ... trained "food tasters" lik... the final product.

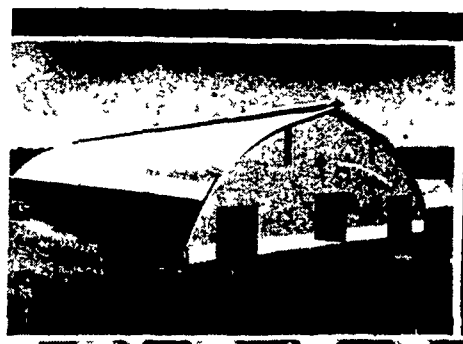
"The taste is just ... important as the food ... nutritional value," says D... MacNeil. "It won't do mu... good to have a valuable fo... if it won't sell."

Hesston and Fiat talk

HESSTON, Kans. - Lyle E. Yost, chairman of Hesston Corporation, announced recently that discussions were in progress with the Fiat Group regarding a proposed investment of approximately $20 million in newly-issued stock to be purchased by the company whose worldwide headquarters are in Turin, Italy.

Yost said that if the proposed transaction is finalized the price of the new stock to be issued is expected to be $10 per share.

Yost emphasized that while the discussions between Hesston and Fiat are continuing, no agreement has yet been reached. Any agreement which might be reached would be subject to a vote of shareholders of Common Stock of Hesston Corporation.



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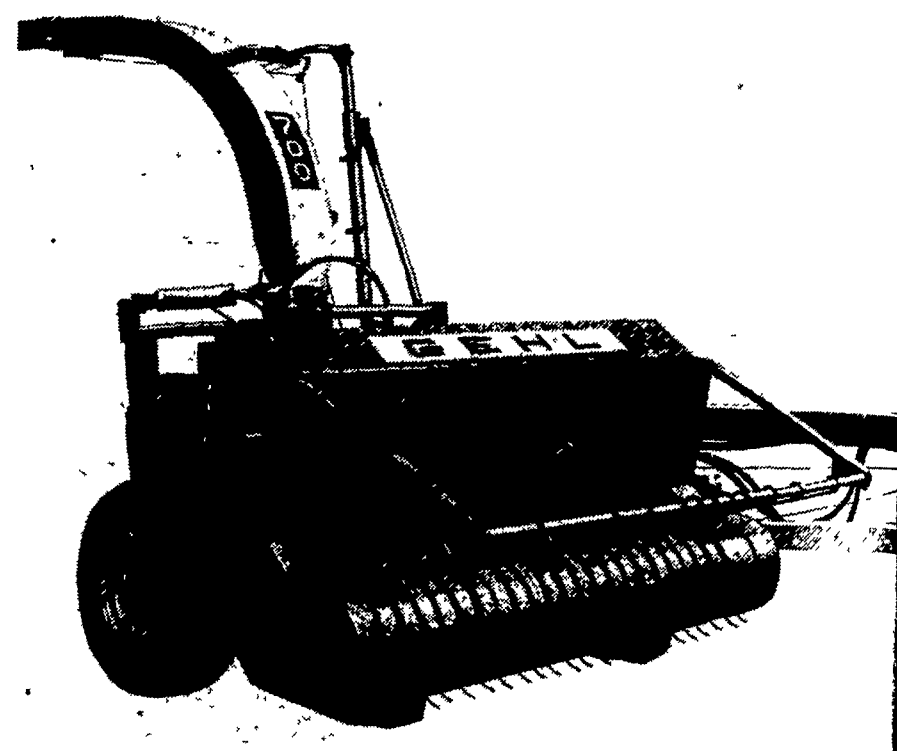

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irst Brahmentals registered

OZEMAN, Mont. - Two rs of planning were ized recently as the first A Brahmental istration certificates e issued by American mental Association.

cording to Don iman, executive etary of the national breed organization, 312 hmental registration ificates were issued in first computer run - 156 mental certificates, 53 ndation Brahman ificates, and 103 "dual" registration certificates issued to Simmental X Brahman cattle already registered with the Association as ½-blood and ¾-blood Simmentals.

"The ASA Brahmental committee anticipates that we'll register 5,000 head of Brahmental in the next twelve months," Vaniman said, "and that's a conservative estimate. We've already received actual requests for application forms to register more than 1,200 head."

To officially qualify as a Brahmental within ASA's Herd Book, an animal must have at least ¼ Brahman and ⅜ Simmental breeding. To be designated a "purebred Brahmental," the animal must have a combined Simmental plus Brahman percentage of ⅞ or higher. "The ⅜-⅝ combination that's standard with most Brahman-cross registries is not sacred to ASA, because we feel that more or less Brahman blood may be necessary in different environments," he said.

Three categories within the Brahmental Registry are available to breeders: 1) dual registry, for cattle that qualify as both Simmentals and Brahmentals; 2) foundation Brahman registry, for animals registered in another Brahman or Brahman cross registry, and which will be used for crossing with Simmentals; and 3) the regular Brahmental registry, for Simmental X Brahman crosses meeting the required percentages.

Foundation Brahman bulls must be registered with ASA before their progeny are eligible for Brahmaental registry, Vaniman said.

Brahmental registration information and application forms are available from ASA, 1 Simmental Way, Bozeman, Mont. 59715. Active members of ASA can register Brahmental without paying any additional fees or dues, and the association has decided to waive tardiness fees until after December 31, 1977, so that breeders may register over-age Brahmentals without penalty.

Seminars scheduled for motor vehicle code

HARRISBURG, Pa. - The Pennsylvania Motor Truck Association will conduct educational seminars regarding the new Pennsylvania Motor Vehicle Code and Federal Hazardous Materials Regulations on Tuesday, Wednesday, and Thursday, June 21, 22, and 23, at the Pittsburgh Marriott; Historic Strasburg Resturant, Strasburg; and the Philadelphia Marriott, respectively.

The reason for the seminars, according to Bernard L. Welborn, PMTA'S safety director, "is to familiarize industry officials with the new Motor Vehicle Code and Hazardous Materials regulations, which become effective July 1, 1977."

On each day, the morning-long seminars will begin with registration at 7:30 a.m. followed by a working breakfast at 8:00 a.m., at which time the new Vehicle Code will be discussed by representatives from the Pa. State Police. At 9:00 a.m., a safety investigator from the Bureau of Motor Carrier Safety, U.S. Department of Transportation, will explain the necessary procedures for compliance with the new Federal Hazardous Materials Regulations.

Concluding the morning program will be a panel of speakers consisting of representatives from PMTA'S Council of Safety Supervisors, PMTA'S Private Carrier Conference, and The Hazardous Materials Committee, American Trucking Associations, Inc., Washington, D.C. Subjects to be discussed by the panel include training, shipping, packaging and placarding.

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Pickle problems persist on peninsula

By DEBBIE CLAYTON
Asst. Agriculture Editor
University of Delaware

DOVER, Del. - Processing problems pertaining to packaging particularly puzzle peninsula pickle producers.

The tongue-tying topic of at least one memorable riddle, pickles are generally thought of with some humor. But in all seriousness, modern pickle producers in Delaware have problems that go far beyond those of Peter Piper.

First of all, pickles do not exactly flourish in the hot, humid weather common during Summertime on the southern Delaware flatlands—where, in fact, most of them are grown. In addition, try as they may, no one has yet come up with an ideally-sized pickle: one that will fit neatly and uniformly into the jars traditionally used for packaging pickles.

"Pickles will actually grow almost anywhere," says Jack Walls, East Coast agricultural manager for Vlasic Foods, Inc. "But the combination of soil type and weather prevents us from growing all the varieties we'd like to grow here in Delaware."

He compares producing pickles in this muggy environment to "growing plants in a terrarium."

Surprisingly enough, the masterminds behind the Vlasic empire did take these problems into consideration before locating one of their processing plants in southern Delaware in 1972. Since then, pickle production in Delaware has at least doubled, and Vlasic has moved ahead to sell more pickles last year than any other U.S. company.

Obviously, the advantages outweighed the disadvantages.

"Vlasic opened the plant in Millsboro because the labor is here and we're close to the big eastern markets," says Walls. In addition, with the combined efforts of researchers at Vlasic and the Delaware Cooperative Extension Service, the pickle stands a good chance of overcoming its awkward stage in Delaware.

For clarification, pickles are actually cucumbers, but not the kind you slice up for salads — they're special varieties perfected particularly for pickling. They don't have spines such as those used for fresh market consumption and are bred for plumpness rather than length.

Variety and size determine in which of the myriad pickle products these special cucumbers will be used. And, depending upon how soon they will be packaged, pickles are further divided into the cooler or the brining tank. Brining pickles are stored and preserved in a strong, saltwater solution until processing, at which time they are debrined and packaged with the ingredients necessary to make them dill or sweet or kosher. The pickles put into the cooler are designated as fresh pack and processed immediately.

Of the 1500 acres of pickles grown in Delaware, some 1200 acres are produced by farmers under contract with Vlasic.

While visions of gherkins dance in their heads, workers at Vlasic's Millsboro, Del., plant bottle these tiny pickles. Though machinery is now used in some aspects of processing, most pickle packing is still done by hand.

A rags-to-riches story about a Michigan businessman named Bob Vlasic who saw the light when it came to pickled

[Continued on Page 106]

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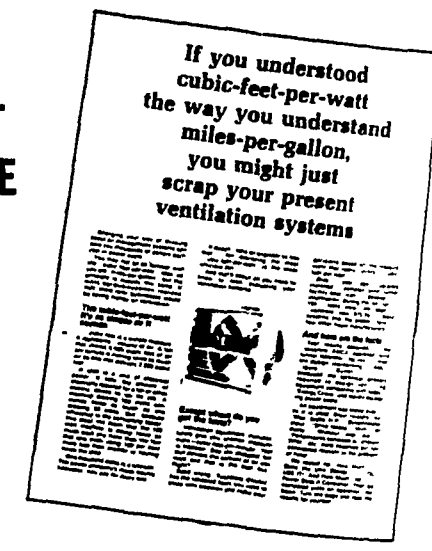
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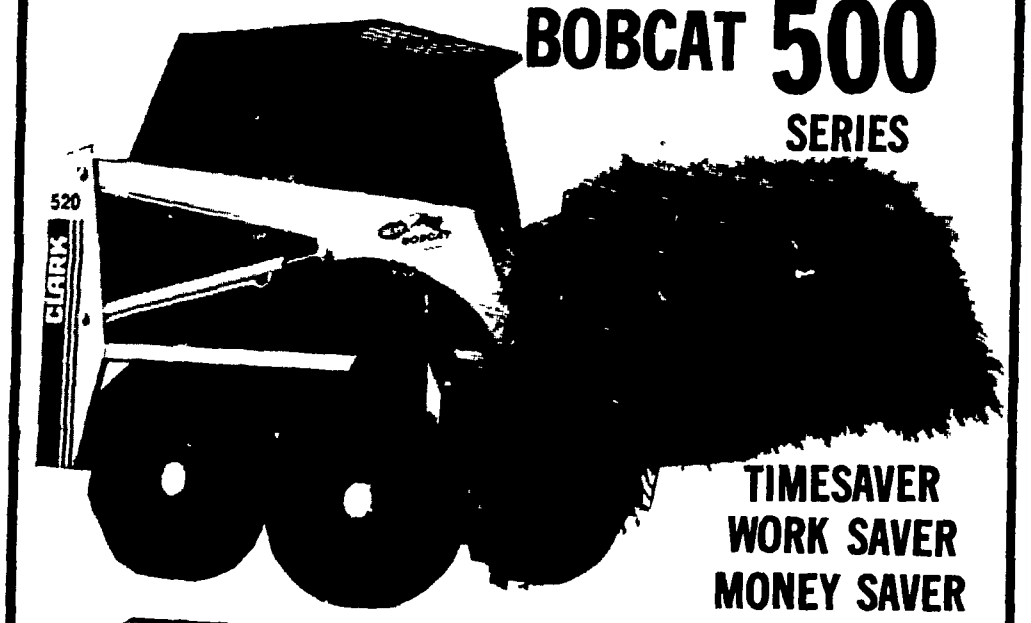

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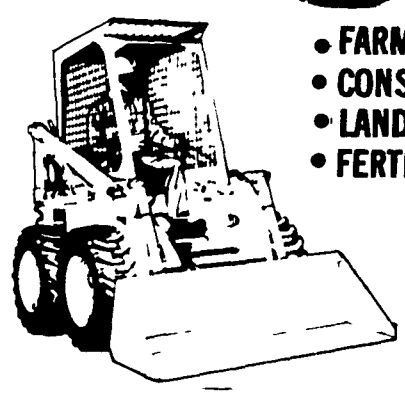

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Cereal leaf beetle attacked

ISBURG - The vania Department of ure is cooperating U.S. Department of ture and the ative Extension in a biological attack against the leaf beetle, a ive pest of small according to vania's Secretary of Agriculture Kent D. Shelhamer.

Shelhamer said that employees of the department's Bureau of Plant Industry were working with federal officials and county agents in distributing parasites of the leaf beetle on farms throughout the Commonwealth on June 8.

The beetle, a European-Asian pest, was first found in the United States in 1962 in Michigan. Since then, the pest has spread via prevailing winds to the eastern states.

Both adults and larvae of the beetle damage oats, wheat, barley and other small grain crops. They feed on leaves, chewing out long strips between the veins.

Shelhamer said the bettle "is capable of causing hundred of thousands of dollars damage to Pennsylvania's small grain crops. If biological controls prove effective, farmers will have the benefit of an economical and environmentally safe deterrent to the cereal leaf beetle."

Shelhamer noted that a significant economic feature of biological controls such as the beetle parasite program is its moderating influence with respect to new infestations. "Unlike chemical pesticides, biological controls, as a rule, only have to be repeated until parasite populations become established."

Shelhamer said that according to a survey taken last year after the first release of the parasites, the parasites were recovered at 23 new sites in 22 counties. The parasites, it was discovered, dispersed naturally, seeking out the host beetle. "Results in some fields show that in Pennsylvania more than 70 per cent of the beetles in their larval stage were parasitized," Shelhamer said, "a figure equal to other states where the parasites have been established for years."

On June 8, federal and state scientists collected cereal leaf beetle parasites at an insectry on land owned by the Pennsylvania State University in Centre County. The parasites were packed in specifically prepared containers and flown to airports around the state where agents of the Pennsylvania Bureau of Plant Industry distributed them to county agents. Later in the day, the agents released the parasites in preselected fields infested with the cereal leaf beetle.

The parasites are tiny wasps originally imported from Europe. According to Henry Nixon, director of the Bureau of Plant Industry, the wasps attack only the cereal beetle larvae and do not sting. The wasps are the key to the project, seeking out the beetle larvae and laying their eggs inside. When the wasp eggs hatch, the young feed internally on the beetle larvae killing the larvae in the process.

Species of the parasites that have proved successful are Diaparsis, Tetrastichus julis and Lemophagus curtus. This year the program is being expanded by introducing the third larval parasite, Lemophagus curtus, and by increasing the accumulative number of parasite releases per county.

Nixon added that "during Ceral Leaf Beetle Field Day last June, a total of 113,232 of the parasitic waps were released in 120 oat fields in 42 counties. The parasite recovery results were encouraging, and this year we hope to see increased economic benefits for our farmers as a result of the parsite release program.

In Europe where the wasps are part of the natural environment, the ceral leaf beetle is not a serious problem for farmers. The wasps are harmless to humans.

Egg imports proposed

NEW YORK, N.Y. - Canada would be the first country allowed to export egg products to the U.S. since the implementation of the Egg Products Inspection Act of 1970 under a proposal issued by the U.S. Department of Agriculture.

USDA proposes to list Canada's egg products inspection system as equivalent to that of the U.S., thereby entitling approved-Canadian plants to export egg products to the U.S. This proposal is made by officials of USDA's Food Safety and Quality Service following an on-site review of the Canadian egg products inspection system, as requested by the Canadian government.

The Egg Products Inspection Act permits foreign countries to export egg products to the U.S. only if the egg products have been inspected using the same standards the Act requires for domestic egg products. The foreign plants must operate under a USDA-approved continuous foreign governmental inspection system.

Public views and recommendations on this proposal are invited until July 26. Comments should be sent in duplicate to the Hearing Clerk, U.S. Department of Agriculture, Rm. 1077-S, Washington, DC 20250, where they will be available for public inspection Monday through Friday from 8:30 a.m. to 4:30 p.m.

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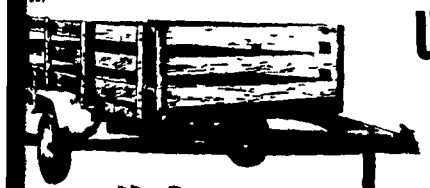

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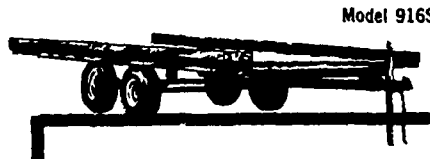

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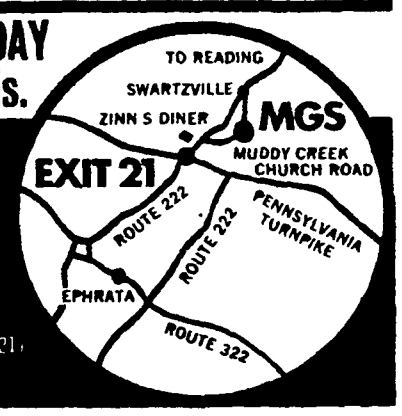

Top cow judges to hold Maryland farm visits

COLLEGE PARK, Md. – There'll be some bona fide national champion dairy cattle judges among the host families participating on June 26 in this year's eleventh annual Maryland Farm Visitation Day.

They were winners in the 47th annual nationwide pictorial Hoard's Dairyman Cow Judging Contest. Results were announced in the magazine's May 10 issue.

Mr. and Mrs. Arthur R. Johnson, Jr., and family of Dickerson won top honors among 1,772 entries in the family division with a score of 496.

And Robert Knutsen of Rising Sun is the leader of the youth group which captured first place among 1,466 teams in the 4-H club division of the Hoard's Dairyman Cow Judging Contest. Appropriately, his club is known as the Rising Sun Milk Squirters.

By coincidence, both the Johnson and Knutsen families are included among the dairy farm hosts for Farm Visitation Day this year in Maryland.

Another 1977 dairy farm host family with similar credentials from an earlier contest is the Stewart Walker and Sons "Mendelssohn Terrace Farm" operation west of Damascus in upper Montgomery County. The Walkers were among 10 honorable mention families five years ago in the Hoard's Dairyman competition.

Two other Montgomery County families placed second and third in this year's nationwide pictorial cow judging contest with identical scores of 484. They were the John L. Morris and Marvin L. Burdette families, both of Gaithersburg.

John Morris is scheduled to retire on June 30 after nearly 27 years as an Extension dairy cattle specialist at the University of Maryland in College Park.

A Montgomery County vocational agriculture teacher placed third among 1,242 entries from his peers across the nation, also with a score of 484. He was John R. Bogle, who teaches at Gaithersburg High School.

Finally, the Montgomery County 4-H Holstein Club of Gaithersburg placed second in the 4-H division of the Hoard's Dairyman contest with an average score of 484. And the neighboring Howard County 4-H Dairy Club of Ellicott City placed fourth with a score of 476.

These two clubs have placed high many times in the national contest. Their leaders, respectively, Barbara Riggs Stiles and Franklin L. Walbert.

Mrs. Stiles won the international youth championship in dairy cattle judging as a Maryland 4-H member in 1951 and she was the top individual in collegiate dairy cattle judging in 1952 while competing for the University of Maryland.

Walbert is manager of the University of Maryland's agronomy-dairy research farm near Clarksville. He and his family were national winners in the Hoard's Dairyman contest in 1971.

The Montgomery County Jersey Calf Club was the first-place 4-H winner at least four times between 1954 and 1971. And Maryland 4-H teams have virtually monopolized this division of the past decade.

Nine of the top 12 clubs in the 4-H division of this year's national pictorial cow judging were from Maryland, or coached by former Maryland 4-H members. Official Brown Swiss placings this year were made by Dr. R. L. Majeskie, Extension herd management specialist and assistant professor of dairy science at the University of Maryland in College Park.

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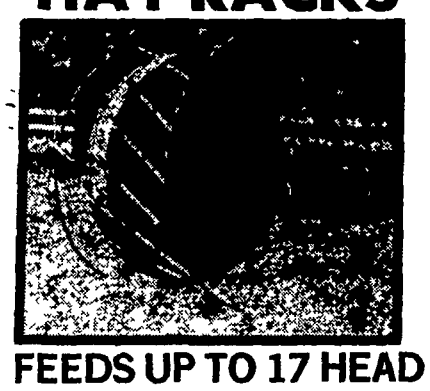

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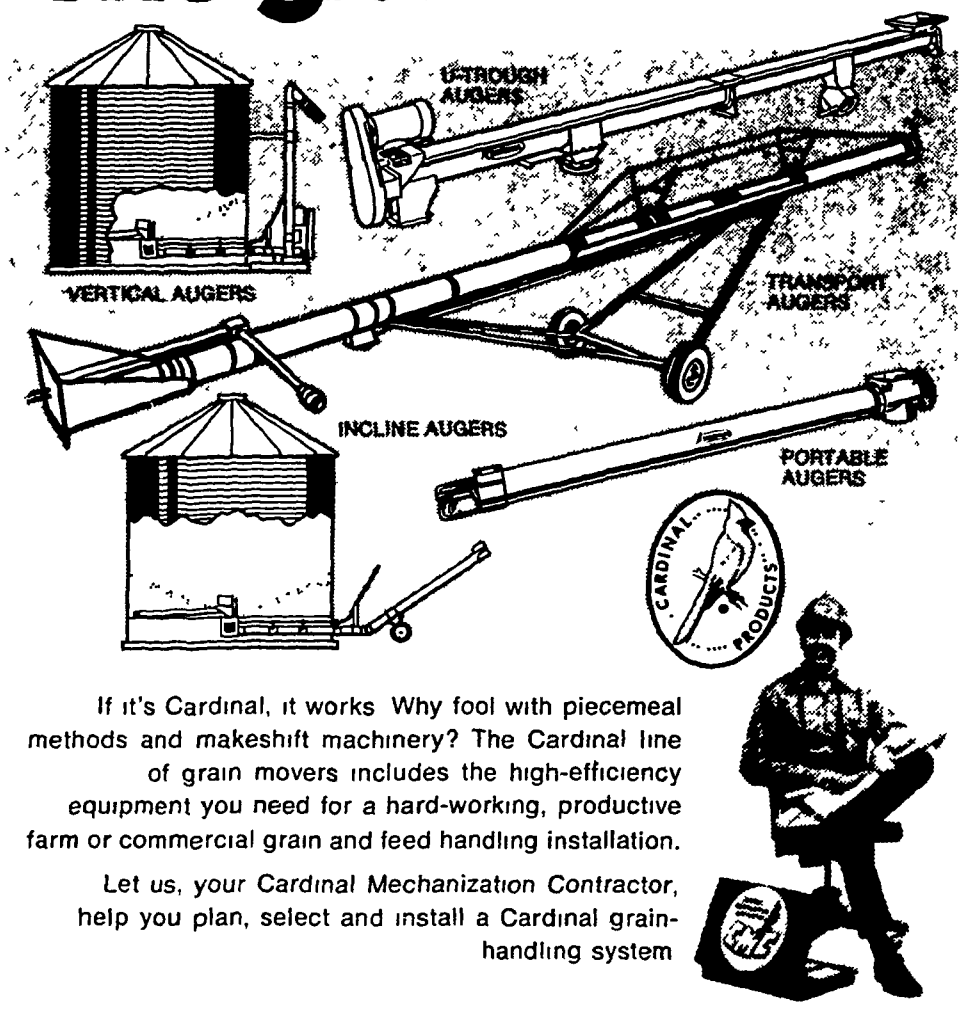

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Garden tractor pull held in Cumberland Co.

NEWVILLE, Pa. - The Cumberland Valley Tractor Puller's Association held a Garden Tractor Pull on June 4, at the Newville Fairgrounds. The sled was provided by George Bair of Dry Run. There were 67 entries in the seven classses. The results were as follows:

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1. Adin Ebersole, Economy 10, 229'11"; 2. Bob Mapes, I.H. Cub Cadet 223'6"; 3. Larry Shatzer, I.H. Cub Cadet, 220'3"; 4. Jay Hammond, I.H. 1200, 209'10".

1400-Pound Stock

1. Garry Hockenberry, I.H. Cub Cadet, 185'3"; 2. Adin Ebersole, Economy 10, 183'6"; 3. Jay Hammond, I.H. 1200, 180'5"; 4. Larry Shatzer, I.H. Cub Cadet, 179'.

1450 Pound Open

1. Gary Hockenberry, I.H. Cub Cadet, 205'4"; 2. Larry Shatzer, I.H. Cub Cadet, 193'4"; 3 Adin Ebersole, Economy 10, 186'; 4. Terry Overcash, 2 cyl. Wisc., 183'2".

1550 Pound Modifed

1. Rodney Small, 215 Buick, Full Pull; 2. Jim Seylar, 230 Buick, 227'8"; 3. Eugene Johnson, 327 Chevy, 226'; 4. Randy Small, 283 Chevy, 117'1".

1750 Pound Modified

1. Rodney Small, 215 Buick, 168'3"; 2. Jim Seylar, 230 Buick, 153'8"; 3. Randy Woltz, 289 Ford, 150'11"; 4. Greg Stahl, 327 Chevy, 126'3".

The next pull at the Newville Fairgrounds will be a farm tractor pull on Saturday, June 18, at 6:30 p.m. The next Garden Tractor Pull is scheduled for Saturday, July 9, at 6:30 p.m.

Goss named to ACA council

UNIVERSITY PARK, Pa. - Glen W. Goss, director of agricultural communications at The Pennsylvania State University, is serving on the new Media Council of the Agricultural Council of America, an organization designed to improve communication between farmers and urban consumers.

Goss recently participated in the Farm Line nationwide telephone hookup where U.S. Department of Agriculture Secretary Robert Bergland, key senators and representatives interested in agriculture, farm news publishers and broadcasters, USDA and ACA personnel responded to over 500 callers in a five-hour period.

Farm people indicated that their greatest interest was in increased international trade, improving the farmer's ability to market his products, and better relations with consumers, Goss points out.

In contrast, the consumer callers were concerned about the environmental effect of chemicals and other factors in the production of food, cutting costs between farmers and consumers, and a strong family farm structure.

The Media Council of ACA started development of plans to increase the flow of information to improve understanding between farmers and consumers. Reporters and broadcasters who work with and understand farmers and their problems will be seeking the help of their urban counterparts in increasing mutual understanding.

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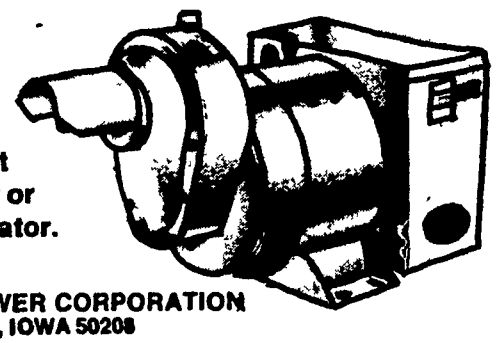
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Night fountain shows to begin at Longwood

KENNET SQUARE, Pa. - Beginning June 16, the illuminated fountains of Longwood Gardens will be displayed at 9:15 p.m. every Tuesday, Thursday, and Sunday evening. These performances continue through the summer, concluding on September 4, 1977. Each fountain show lasts 30 minutes and is held regardless of the weather. Picnic facilities are available nearby, and the conservatories will remain open for one hour after the display has ended. The regular admission fee will be charged.

Longwood's waterworks are among the most spectacular ever devised. They were created by industrialist Pierre S. du Pont (1870-1954), who made his gardens mechanical as well as horticultural marvels.

Longwood is located near the junction of U. S. Route 1 and Pennsylvania Route 52, northeast of Kennett Square. The grounds are open daily from 9 a.m. to 6 p.m., the conservatories from 10 a.m. to 5 p.m. (later on fountain nights). Admission is $2 for adults, $1 for children ages 6-14, under age 6 free.

Baum wins

ELIZABETHTOWN, Pa. - Daniel Baum of Elizabethtown captured top prizes in the swine division as champion showman and champion Yorkshire showman at the 60th Litter International Livestock Exposition at Pennsylvania State University.

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Eight-year-old finishes first in Del. junior broiler contest

FELTON, DEL. – A pint-sized eight-year-old who wasn't much bigger than her trophy came in as first place winner in the 29th Annual Delaware Junior Broiler Contest. The awards were presented recently at Lake Forest High School near Felton, Del.

Debra Ricks, a 4-H member from Seaford, Del. competed in the contest for the first time this year and walked away with the $25 first place prize. Her eleven-year-old brother David, who also belongs to 4-H, won the second place prize of $20.

Another 4-H member, Maria Warren of Woodside, Del. won $15 for third place, and a Lake Forest High School FFA member, Donna Armour, of Harrington, Del. took the fourth place prize of $10.

Cash prizes were awarded down to 20th place, including ties at several levels. In addition, a special award for the heaviest bird was created this year and went to William Mast, of Hartly, Del. for his seven birds weighing a total of 40 pounds.

The Junior Broiler Contest was established in 1948 to encourage youth participation in poultry production. Sponsored by the Delaware Poultry Improvement Association and the University of Delaware Cooperative Extension Service, the program is open to youths participating in 4-H and FFA programs.

Bigger doesn't necessarily mean better, Debra Ricks found out recently when she aced out her older brother David to win first place in the Delaware Junior Broiler Contest. David didn't seem to be too upset -- his broilers came in second place.

Each contestant was given 50 chicks in March and was responsible for feeding and caring for his birds through maturity. Seven birds from each flock were selected for competition, dressed by a commercial processor and then displayed and judged.

Judges from the U.S. Department of Agriculture and the Cooperative Extension Service selected the winning broilers on the basis of conformation, condition, appearance, uniformity of entry, weight, and completeness of records.

This year, the birds were raised in 52 days and had an average weight of 5.1 pounds. According to one of the judges, Dr. Lloyd H. Littlefield, a USDA representative from Georgetown, a commercial grower only averages 3.9 pounds in 54 days.

"In 1958, the average weight was 4.37 pounds in 10 weeks," says Littlefield. He added that is could be there are smarter contestants now, but there are also better poultry breeds and feeds available.

"It's probably a combination of the three factors that produced the fine chickens we see here," he concluded.

York County 4-H achievers listed

YORK - County 4-H winners were selected in York County for their achievement in project and special areas in the National Awards Program. They were as follows: Tommy Welsh, East Berlin, achievement, sponsored by Ford Motor Company and dairy sponsored by Insurance Co. of North America. Megan Shaub, Shrewsbury, achievement sponsored by Ford Motor Co. and gardening by Ortho Division, Chevron Chemical Company. Beverly Brown, Delta, agriculture, sponsored by International Harvester Company. Gary Welsh, East Berlin, automotive sponsored by Firestone Tire and Rubber Company and safety sponsored by General Motors.

The beef area sponsored by Celanese Chemical, and Commidity Marketing, Chicago Board of Trade, was won by Tim Beck, Seven Valleys. Jonathan Myers, Thomasville, won bicycle sponsored by Goodyear Tire and Rubber Co. Bonnie Wire, Spring Grove, breads, sponsored by Standard Brands Inc. and photography sponsored by Eastman Kodak Co. Marvin Krone, Glen Rock, and Karen Hemminger, Potosi, won citizenship, sponsored by Coco-Cola Company. Marvin also won in consumer education and Karen in food-nutrition. The clothing area sponsored by Coats & Clark, Inc. was won by Helen Marstellar, Stewartstown. Joanne Zumbrum, Hanover, home environment sponsored by S & H Foundation and leadership. The boy leadership award was won by Paul Myers, Thomasville, he also won the health award. The girl health award, sponsored by Eli Lelly & Co., was won by Kay Swartz, Hanover. Home management, sponsored by Tupperware Home Parties, and poultry were won by Pearl Kneller, Brodbecks. Joey Welsh, East Berlin, won petroleum power, sponsored by Amoco Foundation and Conservation of Natural Resources, John Deere. Brooke Palmer, Shrewsbury, won the areas of recreation and food preservation. Joyce Hemminger, Potosi won the award in dairy foods, sponsored by Carnation Company and Food Conservation & Safety. Kerry Zinn, Dvaidsburg, won dog care, sponsored by Ralston Purina Co. Bryan Palmer, Shrewsbury, won electric sponsored by Westinghouse Electric Corp. Johnny Muller, Airville, won entomology sponsored by Hercules Incorporated. The field crops division was won by Gary Thoman.

These York County 4-H'ers will compete on the state level with winners from the other counties in Pennsylvania for trips to National 4-H Congress and possibly a scholarship.

'Godfather Agency' opposed

WASHINGTON, D.C. - The leader of the nation's oldest farm organization has taken exception to remarks made by President Carter in support of the Agency for Consumer Protection (ACP).

John W. Scott, Master of the National Grange, said he agrees with the President's statement that some regulatory agencies have become the protectors and sometimes servants of the companies they are supposed to be regulating. "However", declared Scott, "I believe the answer lies in regulatory reform and cleaning up the regulatory agencies, not the creation of a 'Godfather Agency" to be watchdogs over the watchdogs."

Scott said the biggest danger and one that the President passed over lightly in his remarks, is the power the ACP will have to sue other agencies of the federal government. "This means the Attorney General's office will be both suing and begin sued," said Scott, "and brings up the question as to whether federal agencies are subject to no sovereign power except the courts and not accountable to either the Congress or the White House."

Scott said the National Grange is not a Johnny-come-lately when it comes to fighting big government or big business. "We didn't just come out of the woodwork, as the President implied," said Scott, "and as a matter of fact are responsible for the formation of the Interstate Commerce Commission and have supported many other regulatory agencies. However, the power of the courts over the legislative and executive branches of the government, as we fear the ACP will bring about, is not our interpretation of the separation of powers as outlined in the Constitution."

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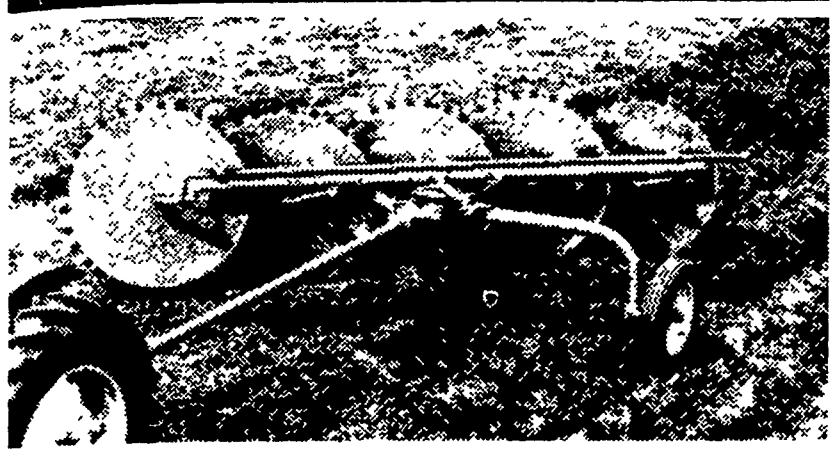

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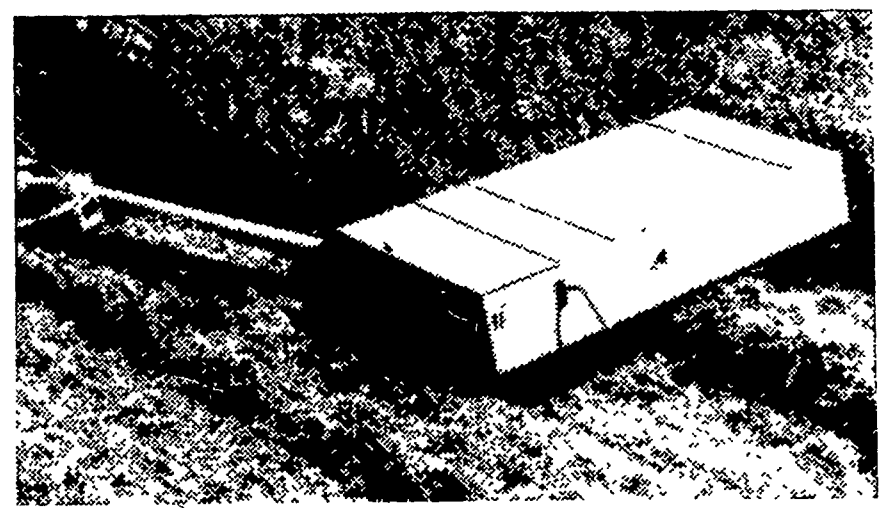

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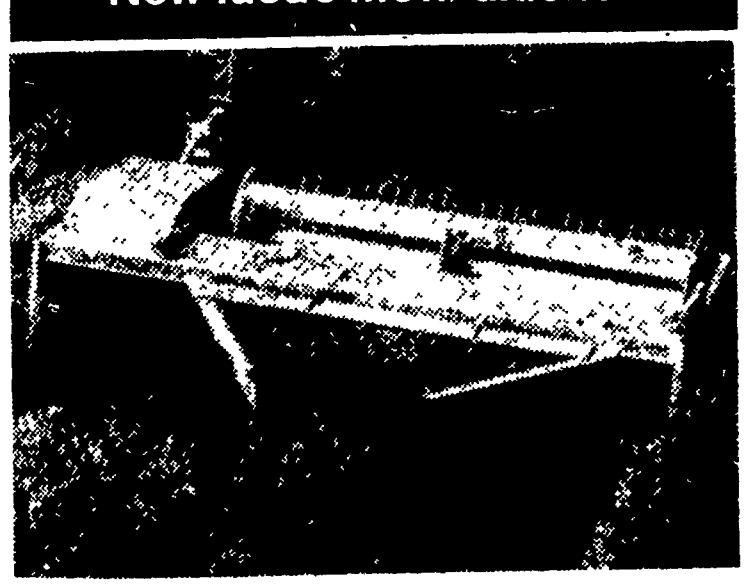

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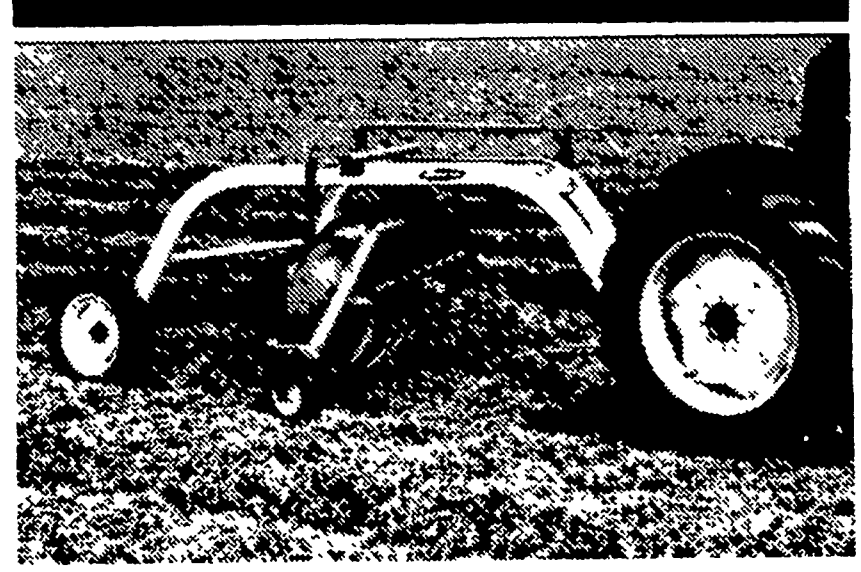

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Milk marketing clause suspended

ALEXANDRIA, Va. - The Agricultural Marketing Service, USDA, has suspended for the months of May through August 1977 the requirement that at least 50 per cent of the receipts of milk at pool distribution plants be disposed of as Class I milk. It is only effective in the Middle Atlantic Marketing Area, Order 4, and was granted after requests from two dairy cooperatives in the region.

The heavy surpluses of milk caused the suspension of the marketing provision. According to the AMS, such action is necessary to assure that producers who are regular suppliers of milk for fluid markets will continue to have their milk pooled and priced under the Order.

Large quantities of milk normally associated with distributing plants for Class I use are having to be diverted to manufacturing plants for Class II use. Because of this, it is probable that less than 50 per cent of the milk supplies associated with several distributing plants in the market will be used in Class I. This will preclude the plants from meeting the current pooling requirements and will cause the milk associated with the plants to be excluded from the pool.

The suspension was requested by Maryland Cooperative Milk Producers, Inc. and Lehigh Valley Cooperative Farmers. A major fluid milk dealer supplied by one of the cooperatives went out of business. The closing of the pool distrubuting plant, which was a major supplier of fluid milk sales in the Baltimore segment of the marketing area, has resulted in a substantial increase in the volume of milk that the cooperative must divert to manufacturing plants.

In addition to the increased need for diversions, the plant closing has limited the cooperative's ability to divert milk. This occurs because diversions must be associated with distributing plants for pooling purposes. The number of other plants from which the cooperative can divert is limited. Additional diversions from such plants would result in their loss of pool plant status since less than 50 per cent of receipts would be disposed of as Class I milk.

The cooperative also indicates that the situation is accentuated by increasing milk production by producers supplying the Middle Atlantic market. Deliveries by producers are above year earlier levels and are increasing seasonally. At the same time, fluid milk sales can be expected to decline due to the closing of schools during the summ... Consequently, the need ... divert addition... milk to manufacturi... outlets from fluid milk pla... will be necessary from M... (when production will be ... or near its seasonal pe... through August when ... supply-demand situation ... expected to improve. T... view also was expressed ... other cooperati... associations supporting ... suspension. They indic... that without the suspens... the milk of dairy farme... who have regularly suppl... the fluid milk needs of ... market, and whose milk ... expected to be needed wh... the supply-demand situati... improves after the vacati... period, will be excluded fr... the pool. The suspension ... thus necessary to ma... against the risk of depooli... distributing plants and m... of producers normal... associated with the fl... market.

Protein is energy factor

BELTSVILLE, Md. - High-producing cows may not be getting sufficient protein to digest the energy in the extra feed they require, says Dr. Paul W. Moe, an animal scientist with the USDA's Agricultural Research Service.

In research at the Beltsville Agricultural Research Center, here, high-producing cows receiving only 14 per cent protein did not digest their feed as well as cows receiving 17 per cent protein. Until now, protein has not been considered a limiting factor in the digestibility of rations.

Cows being tested were confined in enclosed respiration chambers. Twelve cows in early lactation were assigned to one of three diets containing 14, 17, or 20 per cent crude protein. All diets consisted of 40 per cent alfalfa hay and 60 per cent concentrate.

The metabolizable energy value of the diets was equal at the 17 and 20 per cent crude protein levels, but lower at the 14 per cent level. Though digestibility of the rations was slightly higher at the 20 per cent crude protein level, there was no increase in the metabolizable energy over the 17 per cent crude protein level.

This preliminary research indicates that rations containing 13 to 15 per cent crude protein (the common levels fed to dairy cattle) may not be adequately digested by high-producing cows. Increasing the protein level in rations might enable cows to maintain their current milk production on less feed. Dr. Moe and his colleagues plan to conduct further research to confirm their findings.

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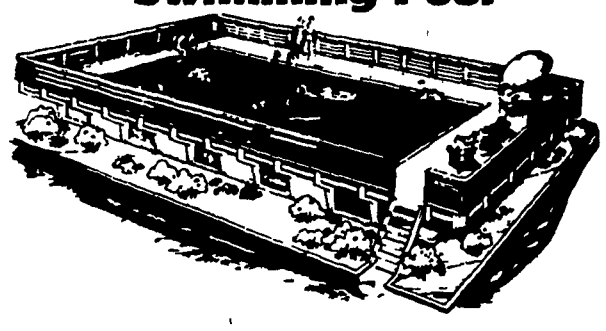

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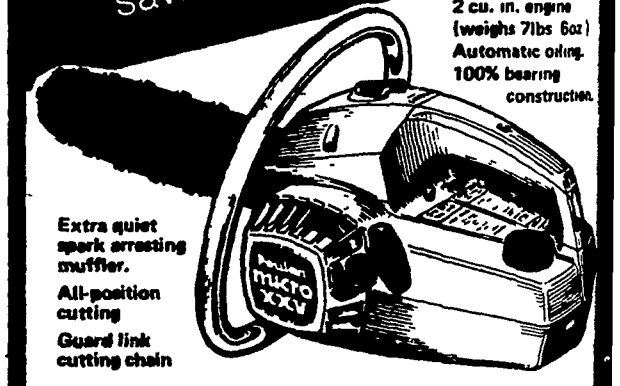

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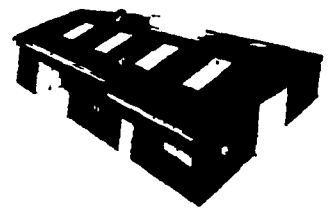

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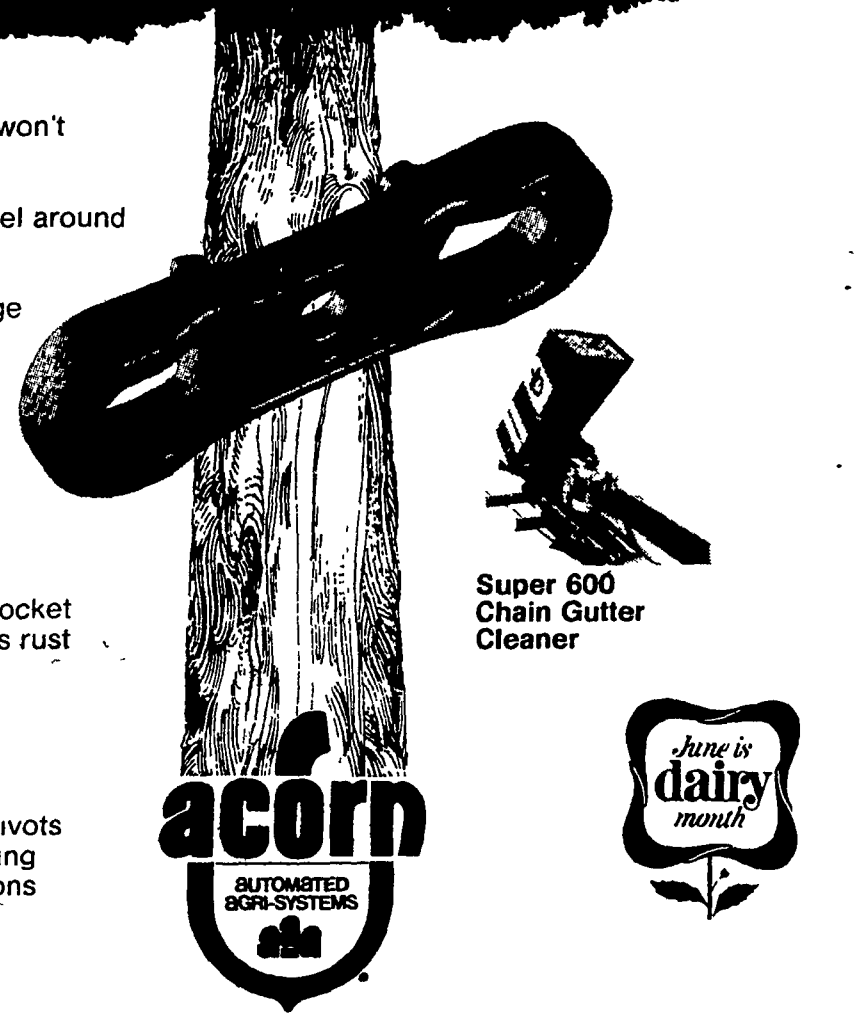

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Corn feed energy value higher for dry cows

BELTSVILLE, Md. - Nonlactating dairy cows utilize corn more efficiently than lactating dairy cows, says Dr. Paul W. Moe, an animal scientist with USDA's Agricultural Research Service.

In experiments at the Beltsville Agricultural Research Center in Maryland, Dr. Moe and animal scientist Dr. Henry F. Tyrrell, few two types of cracked corn (soft and flinty endosperm to lactating and nonlactating dairy cows. The type of corn had no effect on the energy value of the corn for dairy cows. However, lactating dairy cows ate about three times as much feed as nonlactating dairy cows, but the metabolization energy value of the corn was only about 68 per cent than that for nonlactating dairy cows. Dr. Moe theorizes that the larger intake of the lactating cows exceeds their ability to make the most efficient use of the corn.

Nine Holstein cows in mid-lactation were each fed three diets; a basal diet of 40 per cent long alfalfa hay and 60 per cent concentrate, the basal diet plus 5.5 pounds of soft endosperm corn, and the basal diet plus 5.5 pounds of flinty endosperm corn. Six nonlactating dairy cows were also fed these diets.

Although the energy value of both types of corn was the same, the higher intake of the lactating cows had a negative effect on the digestible and metabolizable energies of the corn. The energy value of the corn was 1.05 megacalories (Mcal) of metabolizable energy per pound of dry matter for lactating cows and 1.53 Mcal for nonlactating cows. The total digestible nutrients were 56 per cent for lactating and 84 per cent for nonlactating cows.

The results of this research also point out that feed energy values calculated for dry cows may not necessarily be applicable to lactating cows.

Hoober dealership honored

FARGO, N.D. – Steiger Tractor Inc., headquartered here, has named C.B. Hoober and Son, Intercourse, Pa., as one of the outstanding dealers in North America. The award is presented annually to Steiger dealers who have distinguished themselves with outstanding sales and service to Steiger customers.

In a recent ceremony, Wally McNamee, district manager for Steiger Tractor, presented a recognition plaque to Charles Hoober, Jr., general manager of C.B. Hoober.

Steiger, with 1976 worldwide sales of $105 million is one of leading manufacturers of mass produced four-wheel drive agricultural tractors.

The Steiger firm recently introduced a new 450 horse power four-wheel-drive tractor – the Tiger ST-450.

"The Tiger ST-450 is the world's most powerful mass-produced farm tractor," according to C.B. Hoober & Son, Inc. "It's been designed for large-scale operators who must be able to cover sizeable acreages in short periods of time. This unit can chisel plow 45 acres or more per hour, for example," says Charles Hoober.

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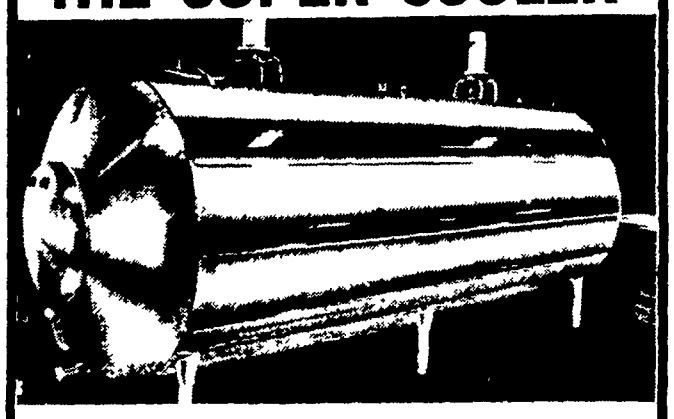

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Pickle problems

[Continued from Page 98]

products, Vlasic Foods, Inc. has expanded its line of products from one to more than 90 since its formation in 1961. Variations on the Vlasic theme include any pickle-able product from peppers to cauliflower and all combinations thereof, not to mention such straight pickle items as gherkins, midgets, slices, spears, and chips.

"There's no question that Vlasic changed the pickle picture in Delaware," says Mike Orzolek, Extension horticulture specialist at the University substation in Georgetown. "Not only has acreage doubled in five years, but other processing plants have opened up and we're beginning to work on problems to help the farmers.

"Belly rot is probably the most immediate problem faced by the pickle farmer. This is caused when the growing pickles don't get enough sunlight and air, and a fungus disease begins to take over."

Since pickles are planted in Delaware starting around the first week of May, the fruits are ripening, and harvest begins during the time when conditions are ripe for belly rot. "As long as the weather stays the same, the problem will be there," says Walls, "but it is being controlled to a certain extent."

Through experimentation with different chemical spray combinations and rates, Extension researchers have made inroads with the belly rot problem, having learned that spraying must be done prior to planting. "It's better to prevent it early than to deal with the problem too late," says Orzolek.

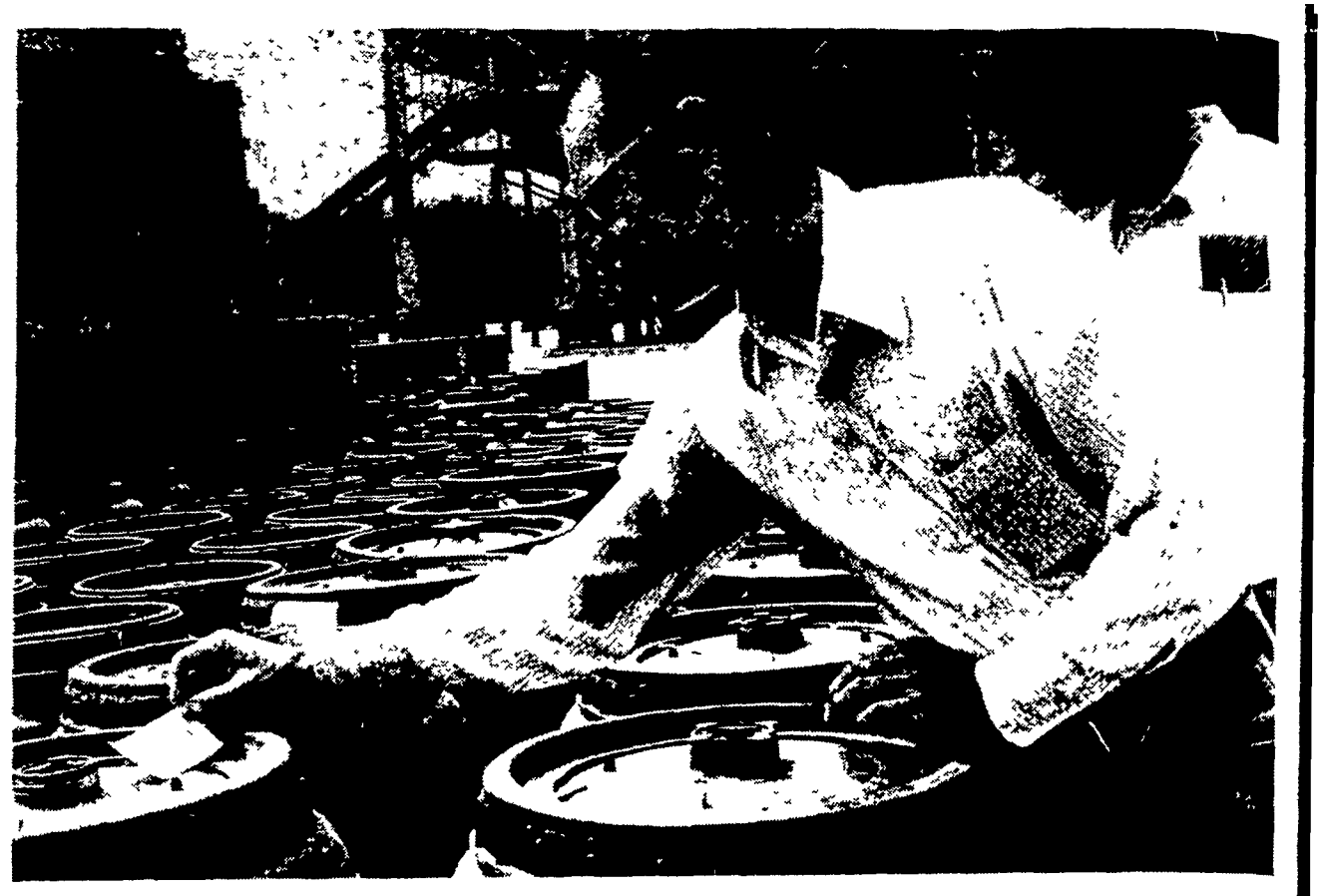
Orzolek is also experimenting on the pickle crop with drip irrigation — which reduces evaporation loss — and subsoiling. Some crops just won't fight a hard soil, he says, and pickles is one of them. So by stirring up the soil about 18 inches below ground, the hardpan layer is broken up, giving the plants increased moisture and larger root growth.

Perhaps the most perplexing problem to the pickle industry is that of predetermining length and diameter — or, as the pickle people say, the "L-D ratio." The ideal pickle should be three inches long and one inch in diameter, especially for "spear stock," which should stand tall in the jar without being lopped off at the top.

"There's no fast and easy answer for this one," says Walls. "We've tried everything from fertilization to irrigation to seed selection to attain it. Plant geneticists will think they've perfected the ideal variety and it will produce correctly for two years in a row and then the third year it won't be right."

Plant genes will react to pressure and environmental changes, according to Orzolek, and under stress will sometimes revert to one of the parent plants of the hybrid.

"When you think of it," he says, "we've only begun to understand the genetics of plant breeding in the past decade or so, to the extent that we are able to control such factors as color, size and the interior of a pickle — which determines whether it will be a bloater or not. We've still got a way to go before we can fully control all plant characteristics associated with production and processing."



Vlasic agricultural manager Jack Walls and University extension horticulture specialist Mike Orzolek check out a shipment of raw product which has just arrived from processing at Vlasic's. Vlasic Foods now sells more than 90 different pickled items but only a few of these are processed at their Millsboro plant.

Another Extension project involves work with basic growing temperatures. All plants must have a certain, individual number of heat units before they are ready for harvest. Extension specialists have devised a means of determining exact harvest dates of plants by averaging the temperatures for a certain time period and

[Continued from Page 106]

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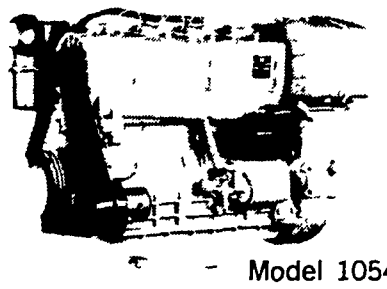

Model 1054
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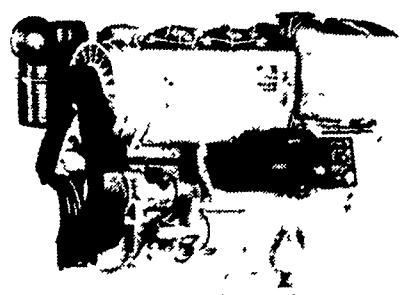

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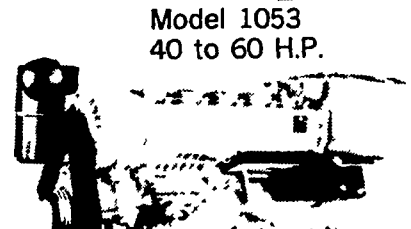

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Adequate grain supplies dependent on 'third world' countries

S MOINES, Iowa - The y of the main grain- ucing countries to d their output to meet l needs is unlikely to be tained at the levels of st four years, and the r part of the increases red over the next four will have to come from loping countries.

its 1976 annual report published, Massey- uson, says that it is a mma with major equences which, use the third world ns do not now have the structure to support increases, will enge all countries to hard at this prospect for l agriculture.

points out that while d grain production increased by 170 million metric tons between 1972 and 1976 to a record 1,321 million metric tons, the area of harvested land increased from 675.5 to 734.7 million hectares. This contributed 60 per cent of the higher output with the remaining 40 per cent resulting from better yields.

The United States accounted for an estimated 23 per cent of the world increase in harvested area and it was relatively easily achieved because it represented land taken out of production by government action in the 1960s.

By contrast, in the developing countries, where the greatest need for food exists, the harvested area increased by only 14 per cent of the world total. Without the large increase in the U.S. acreage, there would have been acute grain shortages in 1972-1976, states the MF report.

With the world population increasing at the rate of 88 million people a year, an extra 30 million metric tons a year are now needed merely to maintain the food levels of the past 15 years.

In the next four years, this will require an increase equivalent to almost three times the total wheat and feed grain output of Canada, and by 1985 the increase must approach that of the total present production of the U.S.

The United States' contribution to the increase needed is unlikely to be anywhere near that of its achievement between 1972 and 1976. But, because of the high productivity in the U.S., for every acre not added there, the world on average must add two acres of land and the developing countries must add three acres.

Together with a predicted lower rate of expansion in the United States, little prospect is foreseen for Western and Eastern Europe to increase its production much beyond the levels ruling before last year's drought. Similarly, it is thought unlikely that Russia, China, Brazil, Argentina, Australia and Canada can go on adding the same incremental volumes to their production as have been achieved in the past four years.

Thus, the developing nations must, the MF report says, provide the major portion of the increase required in the next four years, which will mean improving their 1972-1976 production achievement threefold.

Wool pool announced

CARLISLE–Marlin Rook, president of the Cumberland Cooperative Sheep and Wool Growers announced the following prices will be paid for wool received at the pool on June 16, 1977 at the Carlisle Fair Grounds, here.

⅜ and ¼ Staple	80 cents per pound
⅜ and ¼ Clothing	72 cents per pound
Medium Rejects	61 cents per pound
Low ¼	74 cents per pound
Fine	67 cents per pound
Fine Rejects	58 cents per pound
Karakul	22 cents per pound
Tags	22 cents per pound

A charge will be deducted from each pooler's total pounds of wool for expenses of the pool operations. All fleeces must be tied - loose (untied) fleeces and fleeces tied with binder twine or other string will be sold as rejects. Use only paper fleece twine or other approved material to tie your wool. If wet, dry them in the sun. Store in a dry place - not in the cellar or on concrete.

Fleeces that are brought to the pool in plastic weaved bags will be severely discounted. (Garbage type bags - however are actually quite desireable).

The pool will be held only one day, Thursday, June 16, 1977 at the Carlisle Fair Grounds located along Route 34 in Carlisle near H.R. Gutshall & Sons - John Deere Dealer. Wool will be accepted on June 16th from 7:00 a.m. - 3:00 p.m. The grading crew will take their lunch break from 12:00 to 12:30 p.m. The Cumberland County 4-H Sheep Club will operate a lunch stand.

Producers from nearby counties are welcome. There are no dues or membership fees. Wool will be graded and weighed in the poolers presence. He will get a receipt showing pounds of each grade. Producers will receive checks for wool within a couple weeks after the pool. Pennsylvania State University Extension livestock specialists will conduct wool grading demonstrations as part of the day's activities.

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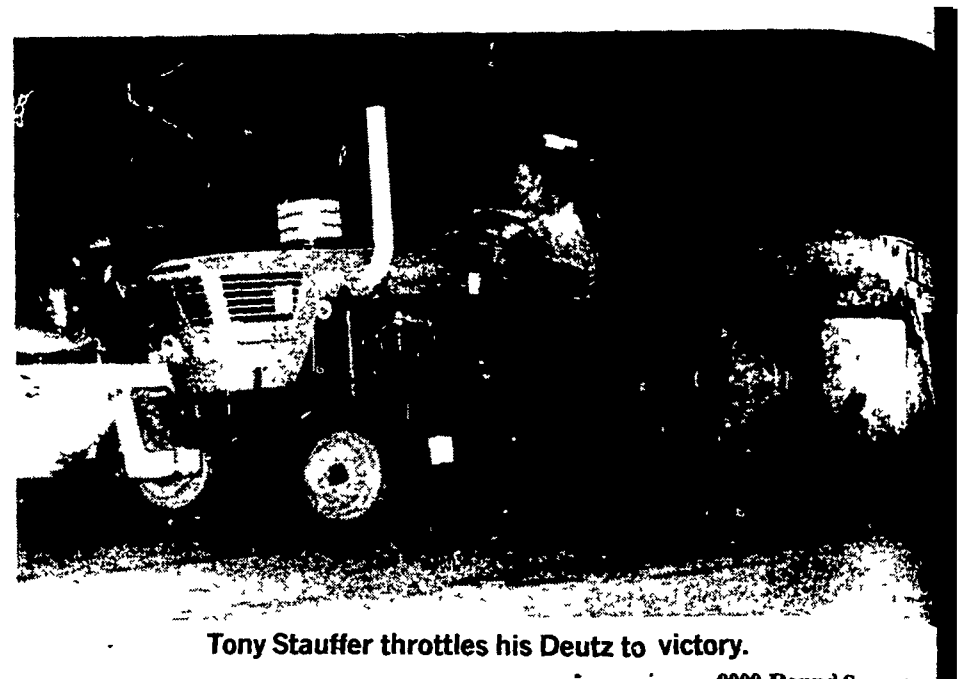
SALES REPRESENTATIVES NEEDED

A twin-engined modified tractor, driven by Les Houck, roared to first-place finishes in two classes last week.



Tony Stauffer throttles his Deutz to victory.

Stauffer has only full pull

BUCK, Pa. - Tony Stauffer, driving an air-cooled Deutz 9006 Diesel tractor, was the only competitor at last week's Buck Tractor Pulls to drag the 22½-ton sled for the full distance of 300 feet. The lone accomplishment came in the 7000-pound Super Stock class. Marlin Brubaker and Coleman Wheatley finished second and third, respectively. It was a close race between the two, with Brubaker, driving an AC D-21, edging Wheatley's JD 4020 by just one inch - 286 feet six inches to 286 feet five inches. Brubaker is a regular puller from Quarryville area, while Wheatley is a weekly competitor from Bethel, Del.

In other class results:

7000-Pound Modified

1. Lester Houck, Kinzers, Pa., CK 40 with two 440 Dodge engines, 290 feet eight inches; 2. Greg Manners, Ringoes, N.J., M 55 with two 440 Dodge engines, 270 feet, one inch; 3. Richard Zimmerman, Mount Joy, Pa., CK40 with two 440 Dodge engines, 266 feet, nine inches.

12,000-Pound Open

1. Thomas Middleton, Ridgely, Md., IH 1066, 249-10; 2. Lester Houck, 228-6; 3. Thomas Bedgar, Freeland, Md., IH 856, 228-2.

500-Pound Modified

1. Gary Mills, Fallston, Md., AC with 427 Chevy, 218-0; 2. Coleman Wheatley, MH 44 with 427 Chevy, 203-5; 3. Gary Mills, Fallston, Md., MH-44 with 427 Chevy 202-5.

9000-Pound Open

1. Lester Houck, 266-9; 2. Ed Horman, Frederick, Md., IH 1066, 261-4; 3. Tom Bedgar, Freeland, Md., IH 856, 259-8.

5000-Pound Super Stock

1. Tim Stauffer, Ephrata. Deutz 8006, 268-11; 2. Dale Smoker, Cochranville, AC 180, 216-10; 3. Paul Bedgar, Freeland, Md., Farmall 450, 215-9.

9000-Pound Super Stock

1. Harry Gru... Coatesville, IH 1456, 268-... Tom Bedgar, 262-9; 3. Ma... Brubaker, 254-11.

Girl is top ag student

FREDERICKSBURG, Pa. - Cathy Milks, was recently named winner of the 1977 DeKalb Agriculture Accomplishment Award. The award, sponsored by DeKalb Ag Research, Inc., is presented to the outstanding senior in vocational agriculture departments around the country. She was chosen for the award on the basis of her scholarship, leadership, and supervised farming program.

Cathy attends Northern Lebanon High School, where she has been reporter and student advisor of the local FFA Chapter. Her agriculture program consists of working on a neighbor's 600 acre dairy farm.

Following graduation, Cathy plans to continue working at her present place of employment. As this year's DeKalb Accomplishment Award winner, Cathy's name will be inscribed along with previous winners on a special honors plaque provided by DeKalb Ag Research, Inc.

Cathy was honored at the awards assembly on June 6, 1977 at Northern Lebanon High School.

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9:00 A.M.
Located: R.D. 1, Thomasville, Pa. U.S. Route 30 West. Across from York Airport. Watch for signs.

Square oak table, plank bottom chairs, 3 cherry drop leaf tables, 2 banquet tables, 2 dry sinks, old cradle, bucket benches, wood boxes, childs desk, music cabinet, oval stand, hanging light, mantle clock, cuckoo clock, walnut stand, oak wash stand, cane rocker, 2 boston rockers, towel rack, curly maple bedroom furniture, plank bottom rocker, empire chest, sewing rocker, desk, bedroom suite, bed springs & mattress, bed clothes, blankets & linens, afghans, wash bowl & pitcher light, small glass light with ball shade, Gone with the Wind base, old trunks, hitching post horse heads, cast iron wall bracket, flat irons, 10 small iron kettles, large cast iron turtle, old tin ware, iron kettle & 3 leg, glass banks, china & pattern glass, china cabinet, square tables, Duncan Phyfe round stand, butter scales, candle mold, coffee grinder, bookcase, baby buggy, small china doll, slate board, slaw cutter, pie board, wooden potato masher, library table, 2 meat benches, old wood stove, stove base, electric stove, breakfast set, refrigerators, file cabinet & safe combination, color console & portable TVs, radio, utility table, step stool, electric juicer, mixer, toaster, blender, meat slicer, washer & dryer, small freezer, kitchen cabinet base, folding table, jugs, crocks, wash board, baskets, coal bucket, wooden barrels, record player & records, books, old fans, old horn bugle, ¼ & ½ peck measure, metal wardrobe, electric heater, sewing machine, fernery, flower pots, sun dial, grindstone, wheelbarrow, lawn chairs, hand tools, 20 ft. extension ladder, step ladders, electric snow blower, rotary mower, 5 hp. Hahn rotatiller, 2 hp. one wheel cultivator, battery charger, 10 in. electric chain saw, 2 shot guns, 32 cal hand gun, and many items too numerous to mention.

Executors of
VERBIE M. GROSS ESTATE
Robert L. Gross
Lorma M. Bubb

Terms: Cash or Good Check.
Not responsible for accidents.
Auctioneers: Blaine N. Rentzel 764-6412
Charles W.R. Arvin 755-0674

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS,
BEAUTY SHOP EQUIPMENT, LAWN MOWERS,
OLD BUGGY, SLEIGH & DOG TREADMILL
SATURDAY, JUNE 18, 1977
At 10 A.M.
Location: 1 Mile East of Limerick on Route 422 at Blue Top Cabins, 84 West Ridge Pike.

ANTIQUES: Dry sink, china closet, wash stands, 6 ft. bed, 3 pc. bedroom suite-oak, round oak coffee table, library table-oak, old floor lights, plank rocker, 2 plank chairs & other rockers, iron butcher kettle, child's rocker, old kitchen cabinet, antique barber cabinet, scales with brass scope, 2 mantle clocks, old hanging lamp, copper boiler, butter churn with stand, pot belly stove, butchering tools, piano stool with clawfeet, lot of old bottles, china and glassware, picture frames. SPECIAL MENTION of 1-horse buggy with buggy lights & top, 1-horse sleigh, 1-horse plow, buggy seat, pony sleigh, horse harness, miniature farm wagon, dog treadmill, dog cart.

HOUSEHOLD GOODS: 22 cu. ft. chest freezer, refrigerator, electric stove, dishwasher, Maytag washer, Maytag dryer, double sink, 2 air conditioners, Magnavox portable color TV. SPECIAL MENTION of beauty shop equipment, hair dryer, hydraulic chair, wet unit, desk and chair, mirrors. Fabrics from fabric shop-thread display cabinet, zipper display cabinet, lace display cabinet. Double tape electric cash register, National manual cash register, kiln for making ceramics, lot of ceramics, lot of ceramic paint.

SPECIAL MENTION of 3 Gravely tractors, IL model 6 hp. with mower. LI model, 6 hp. with mowers; Bolens 6 hp. riding mower, sulky lawn roller, sickle bar, snow blower, snow blade.

Conditions by,
KENNETH W. DINGER

Nelson C. Weidenbaugh, Auctioneer
540 N. Lewis Rd., Royersford, Pa. 19468
Phone: 215-948-7619

PUBLIC SALE

OF MISC. BUILDING SUPPLIES
FOR SAMUEL S. GERHART
EAST EARL, PA.
FRIDAY, JUNE 17, 1977
At 5:30 P.M.
Located along East Earl Road, 1 block off Route 322 in the village of East Earl, Pa.

Paneling: prefinished wood molding; unfinished wood molding; metal and vinyl molding; wrought iron railing; floor flanges; interior and exterior doors, corner post columns; folding doors; 1 Bilco door; barn and house sash; window units; select pieces of lumber and plywood; short lengths of boards; hardwood dowels; plastic shutters; 100 lb. kegs of nails, 6 to 60 penneys; cut nails; hardware; window locks; sash lifts; hinges; cabinet latches and hangers; garage door locks; 12" x 12" ceiling tile; 24" x 48" drop ceiling panels; metal grid system for ceiling tile; formica, awning brackets; roofing shingles; room dividers, wood block flooring; table legs; Martin Senour paint, paint rollers; many items not mentioned.

Terms by,
VIOLA M. GERHART
V. LORRAINE MARTIN

Auctioneers: Lester O. Weaver
Barry D. Wanger
Not responsible for accidents.

Hamburger society is growing

INEAPOLIS, Minn. - growing "hamburger y" in the United States e beef industry looking ys to revise production arketing methods in to satisfy consumers, ding to a nationally nized meat cookery .

Reba Staggs, director of Home Economics for the National Live Stock and Meat Board, said demand for ground beef will continue to increase and the beef industry must be able to react to this change in its market.

She made her remarks as a member of a panel discussing, "Hamburger - Boon or Bust for the Beef Industry" during the American Feed Manufacturers Convention.

"Ground beef is finding its way into more and more meals. It is no longer reserved only for patties or meat loaves," said Miss Staggs. "Casserole and stuffed vegetable recipes call for ground beef. The growing popularity of Greek and Mexican cuisines have shown people that ground meat meals do not have to be dull and ordinary."

Miss Staggs said the "hamburger revolution" is a relatively recent development which may require the beef industry to modify its approach to production and marketing.

"The industry may need to develop methods to earn a profit through producing and marketing animals intended primarily for ground beef," she said.

According to Miss Staggs, hamburger also is becoming more popular with Americans because of changing attitudes regarding meal preparation.

"People now want their meals to be fast and easy to prepare, with consistant results and yet offer variety. Ground beef is the beef industry's best product to meet these requirements," she said

"And with more women working, more children out of the house for various activities and the growing trend to ever more informality, I see nothing to indicate anything but increased use of ground beef in the future.

"We will not, of course, become a strictly hamburger society. There will always be a place for high quality steaks, roasts and other beef cuts from high quality beef animals. But all of us must be alert to the strong possibility that hamburger will become the most popular way to consume beef," said Miss Staggs.

HORSE SALE

SATURDAY, JUNE 18, 1977

at the

DANVILLE LIVESTOCK MARKET

Old Rt. 11, Danville, PA

NOTICE

Sale starts 6:30 p.m.

CONSIGNMENTS FROM OUR REGULAR SHIPPERS

Load of New tack, By Bob Biel

Horse Sales Monthly - 1st & 3rd Saturdays.

CONSIGNMENTS WELCOME

For Additional Information:

Call "Bud" Snyder or Bob Biel 717-528-8218

PUBLIC SALE

OF ANTIQUES & HOUSEHOLD GOODS

SATURDAY, JUNE 18, 1977

SALE AT 9:30 A.M.

Location along Route 501 between Brickerville and Schaefferstown at the Lancaster & Lebanon County Line

Household Goods: Maytag washer & dryer, like new, GE electric stove, GE chest type freezer, Columbia coal stove, Singer sewing machine, GE refrigerator. Electric fan, 2 chest of drawers, chairs, wardrobe, school desk, hassock, 22 Remington rifle, single barrel shot gun 12 gauge, mirrors, pictures, tubs, shovels, fish bowl, dishes, cooking utensils, electric toaster and mixer, silverware, variety of books, Schaefferstown Bi-Centennial Book, 3 pc. maple set, piano and stool, foot stools.

Antiques: farm table, loose top, 6 leg cherry table with drawer, cherry drop leaf table with drawer, small table with 1 drawer, 2 door cupboard with 5 shelves pegged, china closet with oval glass, spool bed, rope bed, blanket chest, jelly cupboard, low sink with drawer, bucket bench, wood chest, extension table with leaf boards, night stand, 2 chest drawers, bureau, bedroom suite with cane seat chairs & rocker, rockers, variety of chairs, love seat & 5 chairs, towel rack, rag carpet, baskets.

SMALL LEHN CHEST, HARRISBURG DEMUTH SNUFF CROCK 1770, SMALL CRANBERRY LIGHT

Small Schaefferstown UB Church Bell, decorated blue crock, 8 day clock, Mother Joy Currier & Ives picture, small desk bell, variety of cut glass, celery stand, depression glass, carnival glass vase, milk glass, shaving mugs, salt dips, 4 Majolica pitchers, variety of glass & other dishes, cups & saucers, soup tureen, souvenir Gettysburg 1863, spoons agateware, 2 spatulas, small scales, 2 small corn cutters, rolling pin, coal oil light, bureau set, wash bowls & pitchers, pot & pitcher cycle pattern, hat box and other antique pieces. John Deere riding mower, 7 HP, 32" cut, John Deere 140 14 HP 32" rototiller, 42" rotary mower and 4 ft. blade, Fanastock mower, Hahn Eclipse mower, 14' extension ladder, aluminum, step ladder, garden tools, camper top 6½ x 8' fit on pickup, insulated aluminum shell and many other articles not mentioned

SALE BY

IVAN & LINDA KELLER

Frank & Paul Snyder, Aucts.

359-2688 733-7052

John & Harold Galebach, Clerks

Articles can be viewed Friday, June 17 from 10:00 A.M. to 4:00 P.M.

Not Responsible For Accidents

Lunch By Brickerville Fire Co.

OUR ANNUAL SUMMER SWINE SALE

FRIDAY, JULY 8, 1977

1:00 P.M. At The Farm

Yorkshire-Landrace, 200 head - 60 bred gilts, 40 boars, 100 open gilts. Offering new and different bloodlines direct from the country of Ireland.

Our usual high quality offering. Production tested, certified meat tested. Show ring champions. Catalogs available.

BROOKS END AND PAR KAY FARMS

Beavertown, Pa. 17813

Reno H. Thomas, Sale Manager

717-658-5821

717-658-6544 (Park)

717-658-7007 (Mark)

PUBLIC AUCTION

VALUABLE ANTIQUES & HOUSEHOLD GOODS

SATURDAY, JUNE 18, 1977

9:30 a.m.

Location: 1 mile east of Route 501 on Oregon Road on Route 722, Neffsville, Pa. "Watch For Sale Signs"

"ANTIQUES AND HOUSEHOLD GOODS"

No. 20 Ironstone tureen with ladle and plates, Gaudy Welsh Ironstone (grape sugar tureen), R.S., Prussia, Germany, Bavaria, Silesia vegetable dishes, 12 place setting of Nippon and Nortitake china, decorated Ironstone china, creamers, sugar, large selection of bone china cup and saucers, mustache cups, Hobnail glass, Press and Cut glass, relish dishes, Ruby creamers, cruets, soft paste in pink luster, blown glass, Austria, Caledonia and other fancy china, Chiclets Adv. Box, 1904 J.B. Neddle Slipper, Staffordshire, Leffon, Depression, Carnival, Milk Glass, handle baskets, cake plates, jam jars, William McKinley plates, various goblets, spoon holders, celery stands, rare plaster of Paris fish bowl with lady at pond, jugs and crocks, jewelry, early paper hat box, footed Master Salts, early wall hanging cupboard, baskets, 1845 Jacob Netzley coverlet (mint condition), early quilts, lap robe with dog design, homespun, 1865 show towels, unusual decorative sampler, bureau scarves, fern and leaf design coverlet, shawls, bedding, braided and hook rugs with unusual designs, mantle clocks, marble top table, small oak S. roll top desk, grained blanket chest, square oak glass china closets, 2 - 3 piece oak bedroom suites, plant bottom and cane seated chairs, Emperior bedroom suite with chest of drawers and vanity, Hoosier kitchen cabinet, oak fainting couch, oak extension table, chest of drawers, round oak extension table, oak server, library table, oak rockers, candle stand, unusual rare walnut kneehole desk with chair.

12 gauge double barrel shotgun, 12 gauge Savage Pump, 222 Savage gun with scope, upholstered furniture, Norge Refrigerator, Kelvinator stove, day bed, high chairs, Maytag washer, 1250 Bolens riding mower, Ariens 3 h.p. rotary tiller, cedar chest, nite stands, walnut picture frames, Norge chest freezer, G.E. dryer, 22" Dynamark power mower (like new), garden tractor, hand and garden tools, 16' aluminum ladder, 1858 jars, magazine rack, lawn chairs, pots, pans, skillets, electric heaters, floor lamps, flowers, 3 piece living room suite, mirrors, mountings, Philco stereo, coins and large one cents 1818, 1831, 1843, 1847, 1849, 1837, 1856, V nickels 1867, 1868, 1902, 1941, many other items.

SALE BY

SIMON H. LANDIS

ELIZABETH H. LANDIS

Sale Conducted By

J. Omar Landis Auction Service

J. Omar Landis & Jay M. Witman

717-733-7917 - 717-665-5735

Food By: Landis Valley Youth Group

STEUBAN COUNTY FARM

COMPLETE LIQUIDATION

DAIRY HERD, FARM MACHINERY, FURNITURE

WED., JUNE 15, 1977

BATH, NEW YORK

Sale to be held at the farm located directly across from the county jail, just off the Bath-Hammondsport Road. Just 1½ miles out of Bath by way of Liberty Street (Rte. #54). Watch for pointers!

As directed by the Steuben County Board of Supervisors, all personal property of the county farm must be sold at public auction, without reserve.

70 INTERSTATE, REGISTERED AND GRADE HOLSTEINS

All cattle will be eligible for immediate interstate shipment, 30 day blood and T.B. tested, Vet. checked for pregnancy. Trucks at sale site. Full catalog at ringside! All are home raised! Herd includes 36 mature animals. Several just fresh or handling, balance year round. ⅔ are registered, and from Eastern art. sires. You will find a big set of cows with character! Registered herd sire sells. Also 36 open heifers, short yearlings to breeding size! 6 small calves sell at Dam's side!

EQUIPMENT

Farmall "M" tractor, nfe, with cultivator; Farmall "H" tractor, nfe, with Farmhand F-19 loader! Groves kicker wagon; IH #540 4 bottom 16 in. semi-mtd. trip plow; Dion and Groves 2 beater self unloading wagons, on gear! Papec sprayer with 200 gal. fiberglass tank; NH 469 haybine! NH 512 spreader, with end gate, 3 yrs. old! NH 256 rake, like new! JD 14T baler; NI conditioner; Leroy land roller; dump trailer; AC long hopper blower; IH #401 16 ft. harrow; NH 616 chopper with 3 heads; IH 1 row chopper for parts; 1965 Ford pick-up truck; IH #10 7-16 grain drill; JD 36 ft. hay or grain elevator; Sunset 300 gal. bulk tank; Dairy Kool vacuum pump with 3 hp. motor; 40 stanchions; 3 Surge units; Jamesway gutter cleaner with 200 ft, of chain; feed carts; more!

Also large quantity of good corn on cob; 5 ton of bagged 10-10-10- fertilizer and 5 ton of 15-15-15 fert.; 8 in. endless belt; few small items!

FURNITURE

Beautiful 8 pc. solid cherry dining room suite with gateleg table and hutch! Victorian white marble oval walnut stand; Empire love seat in green velvet, like new! Gov. Winthrop type mahogany desk with claw feet; round oak pedestal table with heavy claw feet; Enterprise #9 coffee grinder; Chestnut table with rope legs; trunks; several pieces of furniture in oak; milk cans; crocks; steel lockers; doors; windows; flourescent lights; shutters; beds; cooking utensils; complete Bogen paging system; Cast iron wood burning cooker; elect. range; mangle; much much more!

MANAGERS NOTE: This is a once in a life time sale! Everything must go. A piece of local history will be made at this dispersal. Plan to attend. Furniture will sell first starting promptly at 5:00 P.M. Machinery at 7:00 P.M. followed by cattle at 8:00 P.M. Our usual terms: Nothing to be removed until settled for, in full night of sale. Dairy sale in tent! Lunch available at sale site!

Inspection invited prior to auction date by appointment with firm manager Gene Simpson. 607-776-4952.

OWNED BY

SARAH A. CURTIS

COMMISSIONER OF THE DEPARTMENT OF SOCIAL SERVICES.

Auction under the direct management of James and Victor Pirrung.

Wayland, New York

716-728-2520.

Licensed, Bonded, Insured, and Reputable Sale Managers and Auctioneers.

Dairy princess sought

FLEMINGTON, N.J.–The annual search is on for a young lady to be crowned Hunterdon County Dairy Princess, according to Mrs. Marie Schwab, Ringoes, chairman for the planning committee. Each year a contest is held in "June–Dairy Month."

The new princess will reign for a year. She will make numerous appearances in promoting milk and dairy products in shopping centers and schools. She will be asked to speak to service clubs and other community organizations as well as attend public and dairy functions.

As spokeswoman for the dairy interests in the county, she must exhibit a warm, congenial personality, be out-going and enthusiastic in her efforts to meet people and to promote milk.

The contest is scheduled for Tuesday, June 28, at Stanton Grange Hall, continues Mrs. Schwab. All arrangements for the contest have been made. "We now need contestants," she say.

Young ladies interested in entering must be 17 to 24 years of age, single, be a high school graduate and have some dairy farm background.

The Hunterdon winner and runner-up in the contest will represent Hunterdon in the State Dairy Princess Contest set for Flemington Fair Week.

Anyone interested should contact the Extension Service Office. Hunterdon County Extension Center, Route 31, north of Flemington, or call 782-4300, Extension 339, for details and an entry form.

TRY A CLASSIFIED

Rolling Ridge Farms to host PSA field day

BUTLER, Pa. - Rolling Ridge Farms, here, will be the setting for the 1977 Pennsylvania Simmental Association Field Day on August 13, 1977.

The scheduled program of events begins on Saturday at 10 a.m., with cattle exhibits of breeding bulls, market and club calf steers, breeding heifers and cow-calf combination in different percentages.

Following a "Simmental Bar-B-Que", the afternoon program will feature Dr. John Peters, animal scientist, West Virginia University, Allegheny Highlands Project; Charles Boyles, Farm Manager; Ohio State University, Eastern Ohio Research and Development Center; and Dr. Lowell Wilson, professor, Pennsylvania State University.

The activities will conclude with a showmanship demonstration and cattle and farm equipment exhibits.

Rolling Ridge Farms is located on Route 38, 14 miles north of Butler, or 14 south of Interstate 80 5).

For further information travel accommodations contact the Pennsylvania Simmental Association 501 Trumbull Dr. Pittsburgh, Pa. 15205, (412) 921-7909; or Rolling Ridge Farms, Karns R1, Pa. 16401. Phone 894-2463.

PUBLIC AUCTION

WEDNESDAY, JUNE 15, 1977

6 to 10:30 P.M.

At former Schollenberger Farm store in Centerport Berks Co., Pa.

Continuing dispersal sale including new & used Oliver tractor, culti., & corn planter parts; cultipacker; tractor dynamometer; port. elec. welder w/4 cyl. Wis. eng.; asstd shop tools; PTO shafts; lot new asstd bolts & nuts; new poultry equip.; lot new Pittsburgh paints; all kinds of new merchandise from farm store inventory.

Terms: Cash or check. Refreshments served.

Ordered by,
KENNETH WEIST

Conducted by:
Ralph W. Zettlemoyer Auction Co.

ANTLER RANCH
DISPERSAL SALE

PUREBRED REGISTERED POLLED HEREFORD CATTLE

At Camara's Auction Barn, Route 6, Swansea, Massachusetts.

SATURDAY, JULY 16, 1977

12 Noon

Antler Ranch of Blaine, Maine will disperse approximately 60 lots of registered polled Herefords including cows with calves, yearling heifers, yearling bulls, going back to foundation bloodlines CMR and Spidel stock. All these heifers and cows will be exposed to bulls of top bloodlines from June 1 up to date of sale.

Bulls to be sold include Ar Super Domino and RCF Superol.

Auctioneers:
John Rosselle
182 Cherry Street
Middleboro, Mass.
617-947-4751
Dale Folsom
Blaine, Maine
207-429-9205

Auctioneer's Note: This will be a rare opportunity to acquire offspring from the two highest selling bloodlines in the nation.

CONSIGNMENT SALE

OF FEEDER CATTLE & FEEDER PIGS

FRIDAY, JUNE 17, 1977

6:30 P.M. Sharp
at
KEISTER'S MIDDLEBURG AUCTION SALES, INC.

Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa

Last sale over 700 head sold.
Bring a load. Buy a load.
Early consignments appreciated.
For information Call:
717-837-2222, 717-524-5285, or 717-966-2856

KEISTER'S MIDDLEBURG AUCTION SALES INC.
Rt. 522, R3, Middleburg, Pa

DON & WALT KEISTER, Owners

Art Kling & Larry Long, Auctioneers

Terms - Cash. Trucking Available Restaurant Open.

HOLSTEIN DISPERSAL

100% HOME-BRED REGISTERED HOLSTEIN HERD OF HAROLD SHENK WILL SELL AT AUCTION

FRIDAY, JULY 1, 1977

12:00 Sharp
AT THE FARM

Location: 2½ miles northeast of Manheim, Pa. Lanc. Co. Turn east at the square of Manheim going toward Lititz, turn on Penryn Road, take Cool Spring Road to Meadow Road. Watch for the farm along Meadow Road on the left. Turnpike drivers take Lancaster/Lebanon Interchange.

61 HEAD, MOSTLY CURTISS SIRED

34 Milking age, 15 Bred heifers, 10 Younger to calves, 2 Bulls, Certified, Accredited, Interstate tested, Preg. checked, 100% home-bred herd D.H.I.A. R.H.A., 13,330m 536f 4.0%.

Following included in this outstanding Herd!!!

Beautiful **P.F. Arlinda Chief,** fresh w/2 yr. 365d 14,824m 632f 4.3%, her calf by Arteval Fayne Wallie Queen. Open Heifer by a son of Apollo Rocket, capable of high "Very Good".

Nice **Penstate Starman,** 3y 277d 16,833m 753f 4.5%, from an Arlinda Chief dam w/24,000m 946f at 3 yr. Also selling maternal sister by Dan-Ver Adm. Jay, and a ylg. dtr. by King Kurt.

A Good record **Starman** dtr. 6y 351d 17,206m 736F.

Outstanding **Paclamar Astronaut,** 3y 305d 19,260m 621f.

Another young **Astronaut,** 2y 329d 14,192m 548f, her heifer calf by Milu Ivanhoe Betty Chief, yrlg. by a son of Apollo Rocket.

Note This! **Astronaut** bred to P.F. Arlinda Chief, 4y 316d 15,046m 684f.

Top record grandtr. of **Romandale Dividend,** 5y 305d 21,179m 657f 3.1%.

Another good record dtr. by **Shalmar-Acres Marcelus,** 4y 335d 20,443m 724f.

High testing **Pac. Iv. Black Eagle,** 3 records over 15,000m - Ave. 4.3% to 4.5%, her **P.F. Arlinda Chief** son sells.

Service age Elevation son from an "Ex" Black Eagle w/25,215m 912f.

15 Cows sell from 600 to 800 Fat.

(9) Paclamar Astronaut, (1) P.F. Arlinda Chief, (1) R.O.R.A. Elevation, (4) Penstate Starman, (2) Paclamar Capsule, (4) Paclamar Ivanhoe Black Eagle, (4) Dan-Ver King Kurt, (2) Arlinda Lindy, (1) Milu Betty Ivanhoe Chief from an Astronaut, (1) Moonshot, and a few by a son of Glen. Charmer. Several bred to: De-Wa-See-Carljo Chieftain VG-88, Milu Betty Ivanhoe Chief.

An opportunity to buy type young cows which have not been classified, a herd which was not fed for top production. A Curtiss bred herd for years.

A great opportunity to buy foundation dairy cattle.
Catalogs at Ringside.

Managed & Represented by:
SMOKETOWN QUALITY DAIRY SALES
Gordon Fritz & Son
Phone (717) 393-0930
Auct. Carl Diller
(464-2233)
Pedigrees: Henry Kettering
(569-0675)
Lunch

SHORT NOTICE SALE
60 HEAD
2 HERD DISPERSALS

Perry Co. Herd
Franklin Co. Herd.
At
SMOKETOWN QUALITY DAIRY SALES

Located Rt. 340, 5 Miles East of Lancaster, miles West of Intercourse, Pa.

WEDNESDAY, JUNE 22, 1977

8:00 P.M. EDST

1 Herd of 32 Holstein Cows and Heifers including blue Holstein cows which were the foundation cattle this herd. Quite a few of these cows are in full flow milk and bred back. All are home raised. Mr. Resin said cows will milk 70 to 80 lbs. per day. This dairy w shipping 23 cans of milk per day with good butter test and sold $40,000 worth of milk in 1976. Quite a f of these cows were fresh within past 30 days. Some these cows are due from June to Aug.

1 Herd out of Franklin County. These are springe fresh cows and bred back cows. Cows due June a July. Also in this dairy are 12 head of sharp first c heifers, with quality, that are springing or fresh a due July or August.

Cows checked for pregnancy. Cows milked regular times. TB and Blood tested.

Terms: Cash or good check nite of sale.

Aucts: Carl Diller and Paul Snyder

Lunch by Bird-in-Hand Auxiliary

Sale by,
GORDON W. FRIT
717-393-0930

PUBLIC AUCTION

OF 93 ACRE GENERAL FARM

WEDNESDAY, AUGUST 10, 1977

2:00 P.M.

Location: One mile east of Strasburg on south side of route 741 in the Twp. of Paradis

Property being offered for sale includes large story brick home with five rooms on the first floor a bedrooms with bath on the second floor. The hom heated with an oil fired hot water furnace. The f buildings consist of a large bank barn with 20 stalls, horse stalls, heifer pens, tobacco shed and a 52 cement silo. Also included in the sale is a 6 r tenant house located along route 741 on the north corner of the farm.

The farm is in a high state of cultivation with level well drained fields. There is over 4,300 feet of frontage and a spring fed stream.

Auctioneer's Note: The farm has the reputatio being one of the most productive farms in the a This is a sale that all farm buyers and investors sh plan to attend.

Inspection date: July 2, 1977 1:00 to 3:00 P.M

Sale by,
The First National Bank of Strasburg
Executor for the Estate of
EARL D. RANCK
Attorney A. W. Reese Esq.
132 E. Chestnut St.
Lancaster, Pa.
Leaman & Buchen Auction Service
Sanford G. Leaman
Burnell L. Buchen
299-5791

David Kehr in Russia for 4-H exchange

LESTOWN, Pa. -- Kehr, son of Mr. and y Kehr, Littlestown, y departed for a onth work-study nce in the Soviet He is one of 14 young d women departing t of the 4-H US-USSR gricultural specialist exchange program (YESAP), now in its second year, according to Adams County 4-H Agent Jared Tyson.

Since March 1, Kehr and the other delegates have been involved in intensive language and cultural training at the National 4-H Center in Washington. Following their arrival in Moscow, they will spend four weeks at the Byelórrussia Academy in Minsk and then be assigned to live and work in small groups or as individuals on state and collective farms. They return to the United States September 12.

Fourteen Soviet exchangees arrived last Tuesday and will live with farm families in six western states.

Designed to share agricultural technology and to strengthen understanding between the people of the United States and the Soviet Union, the exchange program is conducted in the United States by the National 4-H Council on behalf of the Cooperative Extension Service of the U.S. Department of Agriculture.

International Harvestor Co., Chicago, Ill., provides major funding for the program. U.S. delegates travel is financed by the Bureau of Educational and Cultural Affairs of the U.S. Department of State. The Adams County Extension Service solicited $400 from county businesses, industries, civic groups and 4-H clubs as Kehr's share in the program.

Kehr is a graduate of Penn State University and is on leave from Waynesboro High School where he is a Vo-Ag teacher. He has been an active 4-H member in Adams County for eight years. He was president of his 4-H club, the 4-H Senate and nominated as outstanding boy. His main interest in agriculture includes dairying, education, crops, and mechanics.

READ
LANCASTER
FARMING
FOR FULL
MARKET
REPORTS

HORSE SALE

TUES. EVE., JUNE 14, 1977

cated at Paul Z. Martin's Sales Stables, 2 s East of Intercourse, Lancaster County, na., along Route 340.

NTUCKY BRED SADDLE and HARNESS SES from 2 YEAR OLD to AGED.

AD OF STANDARD BRED HORSES, DIRECT M TRACK.

SO LOCAL CONSIGNED HORSES.

OAD of STANDARDBREDS, FROM NEW YORK TE

HAY, STRAW and GRAIN
Every Tuesday - 12 Noon

rses Hitched 1 P.M.
ck 6 P.M.
rses Sell at 7:30 P.M.

PAUL Z. MARTIN
Res.: 717-354-6671
Stables: 717-768-8108

tin Auctioneers and Associates

TICE: Hay, Straw and Grain Sale Every Tuesday 2 Noon. Special Horse Sale Tuesday Evening, ust 2, 1977. Carriage Sale - August 25, 26, 27, 1977.

SPECIAL JUNE SALE

MELVIN KOLB, INC.

MARYLAND MONTHLY HOLSTEIN AUCTION

THURSDAY, JUNE 16, 1977 - 7:30 P.M.

my Maryland Farm Sale Barn, located one- mile Northwest of Woodsboro on Route , Frederick County

135 HIGHEST QUALITY HOLSTEINS

his sale will consist of some of the finest quality ng Holstein cows and first calf heifers we could pick n the better herds. A lot of Purebreds and from e of the top sires in the country. Some will have good records and pedigrees.

CIAL MENTION: A two (2) year CAMBRIC PPY BRETT daughter from a VG 85 point dam, as mo. 365d 27029M 1109F 4.1T; Gr. Dam EX 90 2E LD-MEDAL as a 6.0 mo. 318d 23,390M 993F, bred 9- to EMO CONTRAGIOUS 1690374; a 5 yr. old NELL COMET IVANHOE CHARLES daughter as a old 303d 12596M 4.5T 571F, her dam at 7.4 mo. 380d 7M 5.2T 1004F, bred 9-3-76 to SILVERWOOD ATION ORBIT. A 2 yr. old CHAPEL BANK ACHE daughter from a GP dam, as 5.2 mo. 305d 50M 711F, Gr. Dam VG 85 as 4.9 mo. 305d 19540M , Springer. A 2 yr. old PACLAMAR DOUBLE UNE daughter from a EX all 1's and 2's as 8.8 mo. 22,230M 4.3T 949F, fresh with Bull calf from IRLHILL KINGPIN.

veral top ones not here yet to mention individually this ad. We are trying to have better cows for each We feel we really have a fine selection for this Please come and see for yourself. There are 75 ebred and Grade cows and Heifers out of Canada. rest are from Wisconsin, New York State, Nor- n Pennsylvania and Maryland.

these cows and Heifers will be just fresh or close to hening. Also several Purebred Heifer calves out of e top cows will be sold.

TERMS: Cash on day of sale.
Not responsible for accidents.

MEL KOLB
Sale Manager

nes G. Trout, Robert Mullendore
ctioneers
rvin A. Eshleman, Pedigrees
hirle N. Wachter, Clerk

HOME FARM
621 Willow Road
Lancaster, Pa.
17601
717-393-6459

MARYLAND FARM
R.D. 1
Woodsboro, Md.
21798
301-898-7720

For free transportation please phone 717-393-7459.

FARMERSVILLE AUCTION

TUESDAY, JUNE 14, 1977

6:00 P.M.

In Farmersville, 3 miles east of Brownstown, Lanc., Co., PA.

Good clean general household goods.

We sell on commission.

Call:
JOHN J. RUTT
(717) 354-5095

Consignments being accepted for our July 4th Antique Sale.

PUBLIC SALE

The farm having been sold and cattle moved to a new farm in Ohio, I will sell the following property on the farm located one mile west of Westminster on the Uniontown Road in Carroll Co., Md.

SATURDAY, JUNE 18

10:00 A.M.

FARM MACHINERY -
DAIRY & FEEDING EQUIPMENT
SOME HOUSEHOLD GOODS & TOOLS

FARM MACHINERY

Tractors: MF 180 Diesel w/loader, Farmall M, MF 150 (gas)

Machinery: Badger 205 manure spreader, Big Rhino scraper blade, Mixmill grinder-mixer Model CX, NH hay wagon w/high sides, NH flat bed wagon, John Blue sprayer w/300 gal. tank, 30 ft. tubular hay elevator.

Feeding equipment: JD No. 68 grain cart, 4-ton grain tank, 3-ton grain tank, NH cycle time feeder 80 ft., NH 8 x 14 silage auger, 52 ft. Badger feed conveyor, 100 ft. Brillion feeder, Mixmill 35 ft. vertical auger, several 6" grain augers, drive unit for Jamesway gutter cleaner, 50 paddles for Jamesway shuttlestroke cleaner, metal hay rack on wheels.

TRUCK AND TRAILER

1974 Ford F250 ¾ ton pickup truck, 1972 Double D gooseneck trailer with rubber mats and front divider (hauls 4 horses).

MISCELLANEOUS

Air-jack, chain hoist, welder, acetylene torch, 20-ton hydraulic hand jack on wheels, wts. for MF tractor, pressure control for MF 180, MF 1100 and Ferguson system. Lots of misc. shop items, pulleys, wheelpuller, chains, wrenches, 2 mineral boxes, treated fence posts, etc.

MILKING EQUIPMENT

Double Six Herringbone Parlor - to be sold as follows:

Selling as one unit:

Sta-Rite automatic feeders. automatic floor type udder washer with compressor and soap dispenser, Sta-Rite automatic shut-off units, Boumatic milkers w/in place washers, all glass pipeline and receiver jar, Gutter grates and all hardware.

Also selling, separately:

Boumatic milker pump with s.s. tank, 2 Sta-Rite calibrated weigh jars, 6 - 08228 DeLaval weigh jars, 2 DeLaval bucket milkers, 2 Surge bucket milkers, hand type Babcock tester, 375 gal. Creamery Package milk tank, 1000 gal. Vacooler milk tank, 3000 gal. milk tank, Kelnzade tank washer, two 80-gal. water heaters, 3 Quartz Infra heaters, lots of glass, one-gallon milk jugs.

LUNCH Available
TERMS: Cash

SWISSVALE FARM
Harlow H. Drown
69 Bell Road
Westminster, Md.
301-848-3365

A. DOTY REMSBURG,
Sale Mgr. & Auctioneer
Norman D. Hill, Associate
Jefferson, Maryland
301-473-8214

CLEARANCE PUBLIC SALE

OF NEW AND SOME DAMAGED BUILDING MATERIALS

WEDNESDAY, JUNE 22, 1977

In the GREEN DRAGON in the auction room at the rear of the flea market building. NORTH STATE STREET, EPHRATA, PA.

ENTIRE BRAMMER OAKLORE CABINET STOCK

including 29 top cabinets, 2 utilities; 48 base cabinets; 13 valances; 400 ft. of moulding; oaklore stain; and misc. damaged oaklore cabinets.

WEST LOCK HARDWARE:

including 56 assorted escutheons; 500 lock sets; including privacy; passage and key and entrance locks.

FOLDING DOOR INVENTORY:

27 folding doors sizes 32 x 80 and 60 x 80, in 9 different colors, 9 damaged folding doors.

53 STYROFOAM BEATS

2.6 x 16 and 4.6 x 14 3 different species, mostly walnut stain.

25 WINDOW UNITS
DOUBLE HUNG AND VENTS
MISCELLANEOUS ITEMS:

1 60 x 68 patio door; set of red pflogged utility cabinets; and accessories; 10 items of glue nest kinds; odd lot of screens double hung and vents; odd lot of cabinet mouldings; and many other misc. items not listed.

SALE AT 5:00 P.M.

H.H. LEID Auction Service
Sensenig and Fry, Clerks

Terms by,
WIN KIT COMPANY

PUBLIC SALE

OF REAL ESTATE (TWO PROPERTIES)
HOUSEHOLD GOODS & TOOLS

THURSDAY EVENING, JUNE 23, 1977

At 5:30 P.M.

Located at 159 Willow Street Pike, along north Rt. 272, just north of Burkholder's Used Car Lot, West Lampeter Twp., Lanc. Co., Pa.

PROPERTY #1: Very nice lg. solid stone ranch home w/8 rooms and 1½ baths and also a sep. stone 2 car garage. Oil hot water baseboard furnace, elec. water heater, well water, sewage system. Lot sizes: 108' frontage by 225' depth more or less.

PROPERTY #2: Located at 136 and 138 Willow Street Pike. 2 story frame 2 family dwelling home w/8 rooms and 2 full baths. 2 single garages, 2 oil hot air furnaces, 2 elec. water heaters, city water and sewage. Lot sizes: 70' frontage by 174' depth more or less.

Both Real Estates will be sold at 7:00 P.M. Both properties will be open for inspection: June 5, 11, 12, 18, and 19 from 1 till 4.

GE upright freezer, Hotpoint auto. washer, Hoover vacuum, 3 pc. sec. living room suite, 6 pc. waterfall bedroom suite, 4 pc. mahg. bedroom suite, chrome table and 4 chairs, other misc. furniture. Everyday glassware and china, misc. household articles. Planter Jr. garden tractor w/cult. and snow blade, lots of garden tools. Other misc. articles not listed. Food Served.

Sale by:
J. CLYDE ULMER ESTATE

A. W. Reese, Atty.
Howard Shaub Auctioneer
and Roy C. Probst

Sale of real estate held by the Executors of the J. Clyde Ulmer Estate.

Sale of personal property held by Dorothy V. Wiest, Pauline C. Hoffmaster, Ellen B. Irwin and Robert G. Ulmer, individually.

Tri-County Pullers Assn. posts results

WALTON, N.Y. – More than 4000 visitors attended the Tri-County Tractor Pullers scheduled event held on May 30 at Walton, N.Y. The following is the list of the winners in each class:

5500 Farm Class

1. Dale Shupp, Tunkhannock, Pa., Oliver 770; 2. Dave English, Greenwich, N.Y., Wards; 3. William Yerkes, Milanville, Pa., A.C. WD 45; 4. Gene Branning, Pleasant Mount, Pa., J.D. G.; 5. Chuck Klim, Sussex, N.J. Oliver 77.

7500 Farm Class

1. Gary Galley, Walton, N.Y., Ford 5000; 2. Ralph Walverton, Asburry, N.J., J.D. 40 - 10; 3. Dale Shupp, Oliver 770; 4. Bruce Goodrick, Harporsville, N.Y., Farmall Super M; 5. Gene Branning, Pleasant Mount, Pa. J.D.G.

9000 Farm Class

1. John Wetmore, Honesdale, Deutz 9006; 2. Mike Fulmer, Nazareth, Pa. J.D.4020; 3. Don Shellie, J.D. 4000; 4. Jack Briggs, Harpersville, N.Y. J.D.3020; 5. Don Martin, Bloomville, N.Y., Oliver 1650.

11,000 Farm Class

1. Hilldale Farms, Walton N.Y. J.D. 1020; 2. John Wetmore, Honesdale, Pa., Deutz 9006; 3. Bud Gladstone, Andes, N.Y. J.D. 4230; 4. Barry Ott, Bangor, Pa., A.C. 200; 5. Jay Remer, Bovima Center, N.Y., Oliver 1850.

13,000 Farm Class

1. Bob McIntosh, Hoburt, N.Y., Oliver 2255; 2. Harold Kelly, Hamden, N.Y., International 766; 3. Larry Davis, East Meridith, Oliver 1955; 4. Bud Gladstone, Andes, N.Y., 4230; 5. John Banner, Tully, N.Y., Oliver 2255.

15,000 Farm Class

1. Earl Sines, Walton N.Y. J.D. 4430; 2. John Banner, Tully, N.Y., Oliver 2255; 3. Larry Ives, Bainbridge, N.Y. J.D. 4430; 4. Bob McIntosh, Hogart, N.Y. Oliver 2255; 5. Bud Gladstone, Andes, N.Y., JD. 4230.

5000 Modified

1. Ed Smith, Bangor, Pa., Cocshutt 40 - 440 Dodge; 2. Tom Seps, Bangor, Pa. Cockshutt 40 - 464 Chevy; 3. William Mead, Montrose, 4. Dennis Chapman, Lake Ariel, MH 444 - 440 Dodge; 5. Elwood Flowers, Manheim, Pa., Farmall M.

7000 Modified

1. J and H Pulling Team, Gilboa, N.Y., Massey 44 - 2 - 396 turbo; 2. Elwood Flowers, Manheim, Pa., Farmall M; 3. Jerry Donk, Clifton Springs N.Y. 55 MH-2-454 Chevy; 4. Ed Smith, 5. William Mead., Montrose, Pa. MH.

9000 Open

1. J and H pulling team, Gilboa, N.Y.; William Mead; 3. Ed Smith; 4. John Mika, Summitt, N.Y., MH; 5. Gary Brink, Moscow, Pa. MH 44.

Pickle problems

(Continued on Page 112)

applying them to the unit needs of the plant.

"This will help us with pickles because we can then decide when to plant those that will be hand-picked — which will stay in the ground longer — and those that will be machine-picked," Orzolek states. In Delaware, about half the pickle crop is harvested mechanically while the rest relies on intensive hand labor.

Vlasic follows the pickle harvest from Florida to upstate New York, starting in April and winding up back in Florida for their second harvest in October.

"One of the biggest advantages a large company has is that we are able to operate our processing plants year-round," says Walls. Since it's impossible to process all the pickles as they are harvested, much of the crop is put into brine storage and doled out to the seven different Vlasic processing plants throughout the year. Thus, if there's a glut of pickles in this area, the other plants will accommodate it.

Just as the pickle research conducted in Delaware will benefit pickle growers throughout the country, the pickle market in general has expanded through promotional efforts. People are eating more pickles than they used to.

A large part of the pickle business has always gone into relishes, according to Walls. But with more frozen food products entering the market, many national food companies are buying pickle relishes and sauces in quantity and using them in countless products.

Then, too, some of the pickle market which was formerly localized — for example, kosher pickles sold better in the New York-Philadelphia area — has now picked up on a national scale.

But the biggest factor in increased pickle consumption is the higher percentage of meals now eaten in fast food places. "Just think," says Walls. "Even if we could put only one pickle chip on every hamburger now sold in this country . . . that would still be a lot of pickles."

READ LANCASTER FARMIN
FOR FULL MARKET REPOR

SPECIALIZING
In Holstein
and general
farm sales
BOB KAUFFMAN
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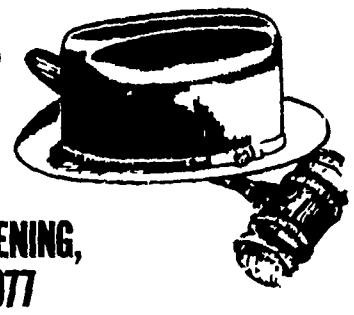
Licensed & Bonded
RD1, Elizabethtown, Pa.
17022
Phone 717-367-3550
JAY HOWES
Pedigrees
Box 81, RD1,
Warriors Mark, Pa.
Phone 814-692-8980

PUBLIC AUCTION
OF ANTIQUE & HOUSEHOLD ITEMS
From Salem U.M. Church, Delta, Pa.
SATURDAY EVENING, JUNE 25, 1977
6:30 P.M.
Sale held at Salem U.M. Church, Rt. 74, Delta, York Co. West on 372, South on 74-3 miles.
Antique: Chancel furniture, 16 church pews, 25 st. chairs, 24 padded chairs, hd water pump, 2 y upright pianos, 10 wooden folding chairs.
Household: 2 refrig. freezer, gas stove, drop in range, vaccum cleaner, tables, benches, blinds, e appliances, mirrors, 2 lawn mowers 10 ft. boat, o 3½ hp. motor, tent, army cots, walker, tanned hide, hat rack, ironing board, stainless steel s faucets, Registered Quarter horse, gelding Auto w machine, and many more items not mentioned
Terms: Cash or Approved check
Not Responsible for Accidents.
Bake Sale, Refreshments and Fancy Table
Reynold Burke, Auctioneer

HAT & GAVEL AUCTION CO.
1 Mile North of Lititz on Route 501



THURSDAY EVENING, JUNE 16, 1977
5:30 P.M.
FURNITURE & COLLECTIBLES
Walnut Secretary Desk, China Closets, Child's chest of drawers, small dove tailed cedar chests, rockers, oak chairs with upholstered seats and backs, Seth Thomas mantle clock, Tiffany type table lamp, child's wicker rocker, owl andirons, metal figurine light, Pewter, hens on nest, pressed glass, swords and lots more.
(No coins on this sale)
ESTATES AND ANTIQUES
WILBUR H. HOSLER
306 Owl Hill Road, Lititz
Harold K. Galebach, Partner
HAT & GAVEL AUCTION CO. SELLS ON COMMISSION—CALL 626-0254
Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day.
Positively No More Garage Sale Leftovers Will Be Received.

Wickes Lumber
PUBLIC AUCTION
OF DISCONTINUED, DAMAGED, AND OBSOLETE LUMBER, BUILDING MATERIALS, PLUMBING, HEATING, ELECTRICAL, AND MISCELLANEOUS, ITEMS.
TUESDAY, JUNE 21, 1977
At 5:30 P.M.
Located at the Wickes Store Parking Lot 1¼ mile Northeast of Ephrata on Rt. 272.

2 x3, 2 x 4, 2 x 6, 2 x 8, 2 x 10, 2 x 12, warped, bowed, checked. 4 x 6, 6 x 6, 2 x 6 treated, bowed or cracked. 100pc. 5/8" CD shtg T/G plywood. 20 sq. fiberglass shingles, assorted colors of other shingles. 50 lb. 2 in. galv roof nails, 1 in. and 1½ in Reynolds Evergrip screw nails w/washer. 2000 ft primed colonial baseboard, short lengths pine mouldings. Windows, insulated glass, screens, window grills, storm windows, aluminum shutters.

Exterior doors, 3-1/6 birch prehung doors, birch 1 3/8" doors, and 4/0, 5/0, 6/0 metal bifolds. 1- 9 x 7 and 1-16 x 7 fiberglass garage doors, both slightly damaged. 2- 10 ft x 20 ft aluminum patio covers, one with parts missing.

Roof trusses; 11-20 ft w/5/12 pitch, 1-20 ft w/5/12 pitch gable, 17-25 ft 4 in. w/4/12 pitch, 2 25 ft 4 in w/4/12 gables, and 10-16 ft w/5/12 pitch trusses, 1-32 in x 32 in x 48 in roof vent galv.

Metal Roofing - Steel and Aluminum

Cabinets: unfinished base cabinets, damaged wall and base cabinets. 4 ft and 6 ft preformed counter top, 30 x 96 yellow, green and avocado counter top material. 1-15 cu ft freezer, 1-24 in built-in oven, and ½ hp garbage disposal.

5 ft. comforttub bathtubs, 1-avocado, 1-blue, 1-gold damaged, 18 in round cast iron lavatory; assorted colors, 3 in copper fittings, 3/8 copper fittings. Chandelier, ceiling and wall light fixtures. Blue and Green 100 watt bulbs. 42 in avocado range hood. Galv. heating pipe 7 in, 10 in, 12 in. boots, elbows and take offs. Electric wall heater. Air duct grills and air conditioner coils, tubing and assorted small parts.

10- short handle shovels, 3-mason hoes. Redwood curved benches. Unpainted furniture, 3-bookshelves, 3-record cabinets, 1-rolltop desk. 1-10 x 7 metal storage building, display model. 1-10 x 7 storage building, not assembled. 6-Stanley homeowners squares, 1-Black & Decker 71/4 saw, 5- Black & Decker ¼ in drills, 1-½ in Black & Decker drill.

14-gallon latex wall paint, yellow, avocado, and celery. 8-gallon Semi Gloss Latex yellow, avocado, poppy and parakeet. 14-gallon Flat Latex blue, yellow, cherry and pink 7-gallon Desert Sand Ext. Straw, and 21 Antiquing, assorted colors.

Many, Many more items to sell.

T. GLENN HORST
Auctioneer

Food Stand By the Akron Fire Co.

Wickes Lumber

Mexican milk averages improved by U.S. bulls

ELTSVILLE, Md. - tein cows in Mexico by U.S. bulls give an age of 405 pounds more than those sired by dian bulls, says Dr. Rex owell, a geneticist with USDA's Agricultural arch Service (ARS).

Powell evaluated a of 265 Holstein bulls: 92 the U.S., 126 from da, and 47 from Mexico. U.S. and Canadian bulls mainly in artificial mination studs; the can bulls were not from ect group. Cows sired by bulls gave an average of ounds more milk than sired by the Mexican tein bulls.

the top 10 ranking bulls, were from the U.S., were from Canada and was from Mexico. The can bull ranked tenth was the son of the U.S. bull that ranked sixth. Of the top 50 bulls, 28 were from the U.S., 18 from Canada and 4 from Mexico.

Dr. Powell evaluated the bulls based on 25,671 lactation records of 14,054 of their daughters in 63 Mexican herds. The data were collected by ARS' Animal Improvement Programs Laboratory (AIPL) in Beltsville, Md. The Mexican Dairy Herd Improvement program's Holstein production records are processed in Provo, Utah, along with the production records for cows in most of the western U.S. The data for cows in both countries are regularly sent to the AIPL.

Of the bulls evaluated, 142 from the U.S. and Canada also had daughters in the U.S. Dr. Powell correlated the data from the daughters in the U.S. with the data from the daughters in Mexico and found that Mexican dairymen could predict the performance of bulls in their country based on the bulls' preformance in the U.S.

Dr. Powell also evaluated the lactation records of Holstein cows imported into Mexico from the U.S. and Canada. Cows imported from the U.S. averaged 385 pounds more milk lacatation than cows imported from Canada.

Freezing meeting set

EDIA, Pa. - If you would to learn up-to-date ods for freezing the and vegetables that oming into the markets the Penn State nsion Service has just hing for you. According eta C. Vairo, Extension e economist for ware Co., there will be a re-demonstration to h the correct edures. The meeting be held on June 16 from a.m. to 12:00 noon in Toal Building Auditorium, corner of 2nd and Orange Sts., Media, Pa.

The public is invited to attend.

Sale reports

A public sale was held at the home of Mrs. Lorraine Sweitzer, Lititz, with 140 buyers attending.

Top selling items were: ladder back chair, 200 years old, for $500; a Moravian bell for $160; a Lititz Springs Hotel ladle, $110; a Lititz Springs Hotel berry spoon, $100; and a Dr. Lion's Perfect Tooth powder box for $40.

Auctioneer was Robert L. Holsinger, Lititz R2.

xxx

A public sale was held by Mrs. Erma Weaver, between Millersburg and Berrysburg, Dauphin Co., Pa. on June 4th.

Prices received were: Int. 45 Baler $390, 4 wheel drive truck $660, Plow $170, Antique Threshing Machine $50, Int. 501 Super A tractor $1020, Farmall Super H tractor $810, brass bell $36, iron bell $53, old Cap & Ball musket $380, L.C. Smith Double Barrel $275, old Beckwith organ $205 and 1966 88 Oldsmobile car $410.

Deiblers & Chubb were auctioneers.

xxx

A Public Sale of real estate, farm implements and antiques was held June 4 by Mr. & Mrs. William Lanius, on Main St. in Cross Roads Boro, York Co., Pa.

The real estate was sold for $47,250 to Keeney Bros., Seven Valleys, York County and consisted of 10½ acres with a frame 2 story house, 2 car garage, chicken house and small implement shed.

Other prices received were: Bin Wagon $545, Smoker Elevator $495, Frigidaire refrigerator $115, Kelvinator electric stove $95, Antique Toys $15 to $50, Dry Sink $195, Oak Rockers $50 to $60, Wicker Lamp $30 and Wicker Stands $35 & $40.

Robert L. Sechrist was the auctioneer.

xxx

A Public Sale of household items and antiques was held June 4 by Ella Reed, at 14 S. Park St., Richland, Lebanon Co., Pa. It was a big sale with over 200 registered buyers.

Items sold included: Dry Sink $400, Drop leaf table $80, Marble top table $260, Bookcase $150, China Closet $100, Curved China Closet $590, Wooden Shovel $45, Wooden Forks $50 & $42.50, Clock $80, Edison Graphophone with horn $205, Hummel Goose Girl $155 and Milk Cupboard $200.

John Breidegam and Ben Habacker were the auctioneers.

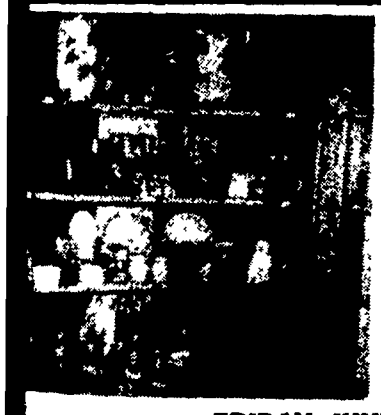
xxx

A Public Auction of livestock and machinery was

[Continued on Page 114]

CONSIGNMENT SALE
WEDNESDAY, JUNE 15, 1977
At 9:30 A.M.
Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale sign.
Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no Household Goods.
We sell on Commission.
Hay & Straw Sale Every Wednesday.
at 12:00 Noon by Harvey Z. Martin.
Sale by,
David H. Good
717-656-8911
Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst
NOT RESPONSIBLE FOR ACCIDENTS.
Next Sale Wednesday, July 6, 1977

OFFICIAL NOTICES OF CANADIAN LAND UNPAID TAX SALES
Sheriff's notices of land and properties (many with buildings) to be sold by PUBLIC AUCTION for UNPAID TAXES plus cost. CLEAR DEEDS, some as low as $50.00 full price. Vacation property City & Town lots, houses, farms, many to choose from. Good investment opportunities. We LIST FULL DETAILS of property location, total amount owing for unpaid taxes and where to buy. . . . .NEW SPRING 1977 EDITION now available, copies limited. . . . .Send $6.00 for your copy to Canadian Publications. P.O. Box 712, Belleville Ontario, Canada.



OUTSTANDING TWO DAY AUCTION
OF FINE GLASSWARE, LAMPS, CHINA & MARBLE TOP TABLES

Two day sale to be held at Gap Auction House in Gap, Pa. From Lancaster, follow Route 30 East approximately 15 miles to Route 41. Take 41 South past town clock and watch for signs. Auction is located approximately ¼ mile from town clock.

FRIDAY, JUNE 17, 1977 AT 10 A.M.
GLASSWARE, LAMPS AND CHINA

GLASSWARE: More than 150 pieces of old Moon & Star pattern glass including assorted compotes, cake stands, goblets, salts, relish dishes, salt and pepper, fruit bowls, nappies, pitchers, creamers, berry dishes, celery stands, and cruets; more than 75 pieces of old blue Daisy & Button pattern glass including castor set, small cornucopia, cordials, water set, cake stands, goblets, cruets, tumblers, large bowls, cups, assorted size shoes, hats, coal buckets, plates, vase, salts, salt and pepper sets, bowls, relish tray, small pitcher, and nappies; several water sets including blue coin spot, cranberry, Spanish Lace, 2 opalescent cranberry, hand-painted Lily of the Valley, purple carnival, and custard glass; many water pitchers including amber coin spot, amethyst, satin glass, and blue Spanish Lace; Amberina bottle; Satin glass rose bowl; blown cranberry bowl; thumbprint wine decanter; blue coin spot cruet; large ruby glass egg on 3 footed nest; U.S. Grant daisy and button platter; Spanish Lace cruet; cranberry glass cruets; cranberry opalescent cruet set.

Cranberry opalescent hobnail bowl; 4 inch Wavecrest hinged box; sandwich-type glass; pattern glass relish castor; pair 12½ inch dec. vases; small ruby atomizer; carnival glass including peacock bowl, footed Northwood bowl, Northwood vase, 2 large bowls, and grape sugar; large blown Easter egg; art glass vase; milk glass dresser bottle and plates; vaseline opalescent bowl; gold-banded goblets; wine decanter; large cranberry light shade; cut glass relish dish; etched celery stand; amber ABC animal plates; bride's basket; blown ruby basket; pair amethyst candlesticks; blue blown bottle; mercury vases; candy ducks; centennial exhibition slipper; painted enamel green pitcher; etched goblets; pear patterm goblets and dishes; and many other pieces of pattern, pressed and some depression glass.

CHINA: 6 inch Gaudy Dutch mug; 10 inch Gaudy Welsh bowl; Gaudy ironstone tea set; 16 x 21 inch Gaudy ironstone platter (No. 53); two 9 inch bisque girls; ornate china fruit bowl on figurine base; pair figurine candleholders; W.S. & S. ornate bowl; mustache cup; large Sunbonnet girl cup; English World War I souvenir cup; large green Staffordshire cup; majolica cake stand; bisque figurine; large china egg; many creamers including German cows, Royal Bayreuth ram and crow, Czech. eagle, German goat, Lancaster souvenir, wolf/swan, blue milk glass owl, copper lustre, and assorted animal creamers; Limoges platter; tea strainer; Nippon nut set and bowl; clown teapot; set of Smith-Taylor dishes; 1909 York calendar plate; Parkesburg souvenir cup; Penryn Park souvenir pitcher; blue willow ware; Oriental dishes and rice bowls; turkey, hen, and rooster on nests; cake stands; Noritake bowl; game plates; bisque pieces; ironstone pitcher and bowl; and many unusual china bowls and dishes.

LAMPS: Many old, complete Gone With The Wind lamps including one large matching pair; 4 dated piano lamps; cupid banquet lamp; large brass lamp with cranberry shade; 2 min. satin glass oil lamps; small Tiffany-type desk lamp; min. milk glass lamp; Tiffany-type table lamp (2 panes missing); Hopalong Cassidy lamp.

MISCELLANEOUS ANTIQUES: Small dome clock (signed Tiffany on face); brass bucket; art nouveau clock; Seth Thomas clock; Rising Sun, Md. stoneware rolling pin; butter scales; baskets; iron pots; cast iron wash boiler; gold oval picture frame; iron bank; crocks and jugs; tin bank; iron skillets; cast iron tea kettle; large demijohn; butcher knives; flat irons; trivets; and irons; jardinieres; pocket watch parts; silverware, and many, many other items.

SATURDAY, JUNE 18, 1977 AT 11 A.M.
ANTIQUES AND MODERN FURNITURE

ANTIQUE FURNITURE: 6 Victorian marble-top stands; Victorian sofa with rose carving; 3 brass marble top stands; pie safe; round oak table; acorn top rope bed; Sahara oriental throw rugs; two 9 x 12 oriental rugs; tramp art min. dresser; 3 tier Victorian stand; 2 square china closets; cherry dining room suite including gate-leg drop leaf table; 8 chairs; buffet and server; inlay table and stand; organ and piano stools; wooden towel bars; min. dresser and crib; platform rocker; 4 piece bedroom suite (veneer); empire chest of drawers; empire love seat; low brace back rocker.

MODERN FURNITURE: 3 piece living room suite with claw feet; maple bedroom suite; twin beds; 21 cu. ft. G.E. upright freezer; Necchi sewing machine; dressers; chest of drawers; vibrating chair; 2 drawer filing cabinet; knee-hole desk; glass top coffee table; metal base cabinet; utility cabinets; metal wardrobes mahogany bedroom suite with pineapple poster bed, dresser, vanity and 2 night stands; mahogany high boy with Queen Anne feet; and other items.

PREVIEW THURSDAY, JUNE 16, 1977 FROM 2 P.M. UNTIL 7 P.M.

TERMS OF SALE: Cash, Certified check or letter of credit reference from your bank.

NOTE: This is a once in a lifetime opportunity to find a selection of old glassware in mint condition, much of which has been packed for 20 or more years.

Settlement must be made at the end of each day, before removing merchandise.

Auctioneers:
Ira Stoltzfus & Son
717-442-4936
Jay Leary
717-354-0423

Sale by:
STEUART H. GRIMM, JR.
Executor for
Steuart H. Grimm Estate

Public Sales Register

JUNE

SAT. JUNE 11-2 P.M. Public Sale of 54 Acre Farm located 13 miles South of Lancaster on Rt. 272 between Rawlinsville and Mt. Nebo, 2 miles South of Rawlinsville along the Martic Heights Rd., near the Martic Twp. Elementary School; Martic Twp., Lancaster Co., Pa. Sale by Robert J. Creasy, Administrator for the John Creasy Estate. Rufus Geib, Auctioneer.

SAT. JUNE 11, 1:30 PM. Public sale of real estate. In the Court of Common Pleas of Northumberland County, Pa. Civil Action-Equity, No. 1170 in Partition, Goldie M. Rosene, Plaintiff vs. Anna Dornsife, Defendant. Lee D. Dockey, Auctioneer-Estate Liquidator-Appraiser.

SAT. JUNE 11-12:30 P.M. Public Sale of Lawn and Garden Equipment, Cycles and Cycle Trailers, by Lawn Care of Penna., located in Martindale, Pa. Randal Kline, Auctioneer.

SAT. JUNE 11 - 9 AM Public Auction, Complete Sellout of Heating, Air Conditioning and Plumbing Division of Gooding, Simpson and Mackes, Inc. located 6 miles South of Exit 21, Pa. Turnpike along Route 272, 1 mile South of 322-272 Intersection along Route 272. Address: 345 South Reading Road, Ephrata, Pa. Sale by Gooding, Simpson & Mackes, Inc. John E. and Paul E. Martin, Auctioneers.

SAT. JUNE 11, 1:00 P.M. Public sale of real estate and household items. Perry County midway between Mecks corner and Dromgolds corner on Route 34. Hope Hall Estate. Richard Foreman, Auctioneer 789-4359.

SAT. JUNE 11, 10:00 AM. Public sale of household goods and antiques. Located along Manheim, Mt. Joy Road, just outside of Mt. Joy in the village of Stauffertown. Sale by Mrs. Anne Fishburn. C. H. Wolgemuth and H. Shaffner, Auctioneers.

SAT. JUNE 11, 2:00 PM. Public sale of Real Estate at 14 South 18th Street, Harrisburg, Pa. George Stone, Jr. John Kilmer, & George Stone, Jr., Auctioneers.

SAT. JUNE 11, 10:00 AM. Complete Dispersal. At the warehouse located on Arkport Muck, 1 mile off Route 36 at the village of Arkport, 5 miles north of Hornell, 15 miles south of Dansville, 22 miles west of Bath, 65 miles south of Rochester. Landing strip for private craft at Hornell Municipal Airport, 3 miles from sale site. Tractors, crawlers, loaders, warehouse equipment, implements, shop tools. Lee Schultheis Potato Farms. Sale conducted by James and Victor Pirrung.

SAT. JUNE 11, 1:00 PM. 500 head of feeder pigs, 3 way cross. Farms located one mile north of Goodville, East Earl Township, Lancaster County, Pa. Sale No. 1 by Ivan Sensenig. Sale No. 2 by John J. Zeiset at 2:00 PM, 350 head of feeder pigs. Elton and Alvin Horning, Auctioneers.

WED. JUNE 15, 6:00 PM. Public Auction of farm equipment, poultry equipment, Pittsburgh paints, etc. At the former Schollenberger Farm store in Centerport, Berks County, Pa. Ordered by Kenneth Weist. Ralph W. Zettlemoyer Auction Company.

WED. JUNE 15, 10:00 AM. Public sale of store equipment, sellout, antiques, household goods and truck. Located at square in Strasburg, Pa. Witmer's Old IGA Store. Sale by Witmer's IGA Store. Howard Shaub Auctioneer and Roy C. Probst.

WED. JUNE 15 - 5 P.M. Steuben County Farm Complete Liquidation of Dairy Herd, Farm Machinery, Furniture located at Bath, New York, directly across from the county jail, just off the Bath-Hammondsport Road, just 1½ miles out of Bath by way of Liberty Street (rte. 54). Watch for pointers. Owned by the County of Steuben, Sarah A. Curtis, Commissioner of the Department of Social Services. Elroy Young, Chairman of the Board of Supervisors. James and Victor Pirrung, Sale Managers and Auctioneers.

WED. JUNE 15, 5:00 PM. Steuben County Farm Dispersal. Just off Route 54 at Bath, New York. Cows, registered and grade Holsteins, farm machinery, furniture and misc items including antiques. James and Victor Pirrung.

THURS. JUNE 16 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler, Auctioneer.

THURS. JUNE 16, 7:30 PM. Special June Sale, Melvin Kolb, Inc. Maryland Monthly Holstein Auction. At my Maryland Farm Sale Barn, located one-half mile Northwest of Woodsboro on Route 550, Frederick County, Maryland.

FRI. JUNE 17 - 8 P.M. Nite Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Scott Adcock, Auctioneer, Henry Kettering, Pedigrees; Park Myers, Sales Manager

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FRI. JUNE 17 - 5:30 P.M. Public Sale at Gap Auction located off Route 41-Lancaster Ave. opposite Turkey Hill Minit Market, cross RR bridge. Antiques sold at every auction. Ira Stoltzfus and Son, Auctioneers.

FRI. JUNE 17, 5:30 PM. Public sale of miscellaneous building supplies. Located along East Earl Road, 1 block off Route 322 in the village of East Earl, Pa. Viola M. Gerhart and V. Lorraine Martin. Lester O. Weaver and Barry D. Wanger, Auctioneers.

FRI. JUNE 17 - 12 Noon Stocker and Feeder Sale at the Lancaster Stockyards, Lancaster, Pa. Lancaster Pa.

FRI. JUNE 17 - 8 P.M. Nite Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Henry Kettering, Pedigrees; Park Myers, Sales Manager

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FRI. JUNE 17 - 6:30 P.M. Sharp Consignment Sale of feeder Cattle and Feeder Pigs at the Keister's Middleburg Auction Sales, Inc. located Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners. Art Kling and Larry Long, Auctioneers.

FRI. JUNE 17 and SAT. JUNE 18-10 A.M. on Frid. and continues on Sat. at 11:00 A.M. Outstanding Two Day Auction of Fine Glassware, Lamps, China and Marble Top Tables to be held at Gap Auction House in Gap, Pa. From Lancaster follow Route 30 east approx. 15 miles to Route 41, take 41 south past town clock and watch for signs. Sale by Steuart H. Grimm, Jr. Executor for Steuart H. Grimm Estate; Ira Stoltzfus and Son and Jay Leary, Auctioneers.

SAT. JUNE 18. Annual Auction for Bainbridge Fire Company. Items sold on consignment. Donations accepted. John Kilmer, and George Stone, Jr. Auctioneers.

SAT. JUNE 18 - 6:30 P.M. Specila Horse Sale at the Danville Livestock Market, locateed old Rt. 11 Danville, Pa. Owner: Bob Biel

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SAT. JUNE 18, 9:30 A.M. Public Auction of Valuable Antiques and Household Goods located 1 mile east of Route 501 on Oregon Road on Route 722, Neffsville, Pa. Sale by Simon H. Landis and Elizabeth H. Landis; Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneers.

SAT. JUNE 18, 10:00 AM. Public Sale of antiques, household goods, beauty shop equipment, lawn mowers, old buggy, sleigh and dog treadmill. Location: 1 mile east of Limerick on Route 422 at Blue Top Cabins, 84 West Ridge Pike. Conditions by Kenneth W. Dinger. Nelson C. Weidenbaugh, Auctioneer.

SAT. JUNE 18 - 9:30 A.M. Public Sale of Antiques and Household Goods located along Route 501 between Brickerville and Schaefferstown at the Lancaster and Lebanon County Line. Sale by Ivan & Linda Keller; Frank and Paul Snyder, Auctioneers.

SAT. JUNE 18, 10:00 AM. Public Sale of farm machinery, dairy and feeding equipment, some household goods and tools. On the farm located one mile west of Westminster on the Uniontown Road in Carroll County, Maryland. Terms by Swissvale Farm. Harlow H. Drown. A. Doty Remsburg, Auctioneer and Sale Manager.

TUES. JUNE 21 - 5:30 P.M. Public Auction of discontinued, damaged, and Obsolete Lumber, Building Materials, Plumbing, Heating, Electrical, and Miscellaneous items located at the Wickes Store Parking Lot, 1¼ mile North East of Ephrata on Rt. 272. T. Glenn Horst, Auctioneer.

TUES. JUNE 21 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

WED. JUNE 22, 5:00 P.M. Clearance public sale of new and some damaged building materials in the Green Dragon auction room to the rear of the flea market building, North State Street, Ephrata, Pa. Terms by Win Kit Company. H. H. Leid Auction Service.

WED. JUNE 22, 11:00AM. Aukema-crest Dispersal, Sussex, New Jersey. To settle the estate of Owen Aukema. 200 head of cattle, registered and grade. Sale Manager and Auctioneer - William Kent, Inc., Bergen, New York and Hanover Hill Sales and Service, Amenia, New York.

WED. JUNE 22- 8 P.M. Short Notice Sale of 60 Head (2 herd dispersals) at the Smoketown Quality Dairy Sales, located Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Pa. Sale by Gordon W. Fritz; Carl Diller and Paul Snyder, Auctioneers.

THURS. JUNE 23, 5:30 PM. Public sale of real estate (two properties), household goods and tools. Located at 159 Willow Street Pike, north Route 272, just n... Burkholder's Used C... West Lampeter Twp., ... Co., Pa. J. Clyde ... Estate. Howard ... Auctioneer and R... Probst.

FRI. JUNE 24, 1... Westminster Liv... Auction pig sale... directions or infor... call collect 301-733... write Box 108, Hage... Md.

FRI. JUNE 24 - 1... Stocker and Feeder ... the Lancaster Stoc... Lancaster, Penna

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SAT. JUNE 25 - 12... Sharp Consignment... Sale at the Keiste... dleburg Auction Sal... Route 522, 3 miles ... Middleburg, 5 miles ... Selinsgrove, Pa D... Walt Keister, Owne... Kling and Larry ... Auctioneers.

SAT. JUNE 25-10 ... Public Sale of Real ... Antiques, Household ... Car, Watch Repair ... and Old Money ... Marquerite C. Barl... located at 710 Sout... St., Haines Acres, ... block off Haines R... Seventh Ave. Sale b... Jo Smith, Executrix, ... L. Sechrist, Auction...

SAT. JUNE 25-9 ... Public Auction of A... and Household Go... Roy P. Haverstick ... Petersburg, Pa. Sal... Omar Landis ... Service, J. Omar La... J. M. Witman Auct...

SAT. JUNE 25, 10 ... Public sale of an... personal property an... R.D. No. 1, Bainbrid... George K. and M... Floyd, Owners. John ... and George Ston... Auctioneers.

SAT. JUNE 25, 9 ... Public Sale of p... property. Located ... Thomasville, Pa U.S. ... 30 West across fro... Airport. Robert L G... and Verbie M Gross ... Blaine N. Rentzel, ... W. R. Arvin, Auct...

SAT. JUNE 25, 6... Public auction of anti... household items fro... U.M. Church, Delta, ... held at Salem U.M ... Route 74, Delta, Pa., ... West of 372, South ... miles. Reynold ... Auctioneer.

SAT. JUNE 25 - 9 A... Estate at 1 P M) Pe... of Real Estate, H... Items and Antiqu... held at 69 N Char... Manheim, Pa. S... Minnie S. Shelley ... John L. Shelley, E... Rufus Geib and R... Miller, Auctioneers.

SAT. JUNE 25 - 2... Absolute Auction ... "Pine Hill" Stock ... both sides, Emer... Village of Hosensac... Milford Twp Lehigh ... Pa. 10 min to Qu... Intchg-Pa. Trnpk, ... to Allentown, 10 ... Pennsburg, 2½ ... Zionsville and E... Louis Trainman A... of Pa., Brok... Auctioneers

JULY

SAT. JULY 1, 12 Sh... Harold Shenk Fa... registered Hol...

Sale reports

[Continued from Page 113]

held at Ivy Hill Farm by B.H. Vines on June 4th. The sale was attended by 400 people, held 3 miles east of Oxford, Chester Co., Pa., and good prices were received for the antiques.

One feature of the sale was 2 pair of Peacocks which were sold for $230, while 2 male peacocks brought $47.50 each. The mare and colt sold for $1900.

Other prices included: Radial Saw $290, Low Down Farm Wagons $300, $300 & $195, N.H. 36 Chopper $550, Case Baler $785, 1969 Case Tractor $3400 and Disc Harrow $375.

Whiteside Auction Service, Harry W. Whiteside, Auct.

xxx

HUNTERS SALE BARN INC. held their weekly sale June 6 at Rising Sun, Maryland.

BULLS: 1125 lb. 33.50; 615 lb. 30.00.

COWS: High Choice to Prime 30.25-30.75; Good to Standard 29.00-30.25; Utility 28.25-29.25; Cutters 25.50-27.75; Canners 23.50-25.00.

CALVES: Prime 180-280 lb. 52.00-60.50; High to Choice 140-180 lb. 49.00-57.00; Good to Choice 120-130 lb. 40.00-47.00, few 54.00-56.00; Standard to Good 110-115 lb. 47.00-57.00; Utility 95-100 lb. 33.00-40.00, few 44.00; Low Utility 60-90 lb. 23.00-32.00, few 36.00-39.00.

HOGS: 200-240 lb. 40.75-42.25.

FEEDER PIGS: $18 to $24 by hd.

BOARS: 230 lb. 29.00.

SHEEP: 10 to 14 cents per lb.

GOATS: Nanny $25 by hd.; Billy $20 to $25 by hd.; Kids $18 to $23 by hd.

Sale Mgr. & Auctioneer, Norman E. Hunter, Pres.

xxx

A Public Sale was held June 4 by Verna & William Strayer, 4½ miles south of Dillsburg, Pa.

Some prices received were: Portable Steam Engine $2000, 10 plate Stove $200, I.H.C. Cub tractor & attach. $1000, F 20 Farmall tractor $500, 1951 Chev. ½ ton Pickup $500 and N.H. Wire tie Baler $20.

George Haar was the auctioneer.

xxx

A Complete Dispersal Sale was held for Preston and Helen Raub, 12 miles from Mansfield, Pa. on May 31st. There was a very good turnout for the sale.

The 35 grade Holstein cows averaged $610. The high cow sold for $950 and the second high for $840.

Machinery sold as follows: Oliver 1555 Tractor $5400, Cockshutt 550 tractor $1950, J.D. 420 Crawler $1875, W.D. Allis Chalmers tractor $900, Gehl Forage Wagon $1350, N.I. Haybine $1250 and White 4-bottom Spring Reset Plows $2650.

Auctioneer was Arlow Kiehl. Sale Mgr. Gordon Wood.

xxx

A Public Auction of welding shop tools was held June 4 by F.L. Ream in the village of Lincoln, Lanc. Co., Pa. There were 300 people attending.

Prices received were: Floor Jacks $45 & $55, Air Hammer $40, Gasoline Engine $300, Pipe Bender $410, Table saw $80, electric wire $100, Pipe Cutter $140, electric grinder $60, Hoist $100, Anvil $130, Lathe $325, Portable welder on trailer $475, Drill Press $205 and piles of scrap iron from $100 to $200 each.

Sale conducted by J. Omar Landis Auction Service with Jay M. Witman & Jerry Davis.

xxx

A Complete Dispersal was held by Maurice F. Welk, 2 miles south of Quarryville, Pa. on June 3rd.

The top cow of the registered Holstein herd sold for $5050, 2nd for $4400, 3rd for $4050. The 120 head averaged $1371.

A Doty Remsburg, Sales Mgr., Norman D. Hill, Associate & Abe Diffenbach.

ublic Sales Register

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PIGS SALE.

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Located 2-½ miles south of US 22 and 6 miles north of Myerstown, Pennsylvania along U.S. 501 (former Norman M. Martin Farm). 300-360 40-60 pound choice feeder pigs, 3 way cross. J. Paul Miller, owner. Auctioneer: G. Harvey Weik

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MON. JULY 4 - 9 AM Antique Sale at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt.

WED. JULY 6 - 9:30 A.M. Consignment Sale at David H. Good's located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin, C. Wolgemuth, J. Fry, and L. Horst, Auctioneers.

SAT. JULY 9, 11:00 AM. Public Auction of 18 acre farm, farm equipment, antiques and collectibles, household items. 18 miles south of Subury; along Route 225 between Pillow and Mandata in Lower Mahanoy Township, Northumberland County, Pa. Kermit I. and Martha A. Witmer, owners. George Deibert, Auctioneer.

SAT. JULY 9, 2:00 PM. D. LaMar and Edna A. Good Sale. Between Schoeneck and Denver along Steinmetz Road, West Cocalico Township. Selling 5 acre farm. John E. and Paul E. Martin, Auctioneers.

SAT. JULY 9, 10:00 AM. Public sale of 31-½ acre farm, also 25-½ acres partly wooded ground, also 11-½ acres woodland, also farm equipment and household goods. Located 3-½ miles north of Morgantown. Terms by Estate of John Huyett, Albert A. Stallone, Attorney, Elton and Alvin Horning, Auctioneers.

FRI. JULY 15 - 6:30 P.M. Consignment Sale of Feeder Cattle and Feeder Pigs at Keister's Middleburg Auction Sales, Inc. located at Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don and Walt Keister, Owners; Art Kling and Larry Long, Auctioneers.

SAT. JULY 16, 1977, 12 Noon - Antler Ranch Dispersal Sale of Purebred Registered Polled Hereford Cattle at Camara's Auction Barn, Route 6, Swansea, Massachusetts. Bulls to be sold include Ar Super Domino and RCF Superol. John Rosselle, 617-947-4751 and Dale Folsom 207-429-9205, Auctioneers.

SAT. JULY 16 - 10 A.M. Public Auction of Garden Tools, Household Goods and Antiques located 1 block off Rt. 222 along Bowmansville Road, south of Adamstown, Pa. (behind Adamstown J.D. Equipment Co.) Sale by Noah G. Musser; Leroy S. Horst and Paul W. Horst, Auctioneers.

WED. JULY 20- 9:30 A.M. Consignment Sale at David H. Good's located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin, C. Wolgemuth, J. Fry and L. Horst, Auctioneers.

FRI. JULY 29, 1:00 PM. 58 registered and grade Holstein heifers near Turbotville, Northumberland County. Lewis D. Brown, owner. Carl Diller, Auctioneer.

SAT. JULY 30 - 12:00 Noon Sharp Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Route 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don and Walt Keister, Owners; Art Kling and Larry Long, Auctioneers.

AUGUST

WED. AUGUST 10, 1977, 2:00 PM. Public auction of 93 acre general farm. Location one mile east of Strasburg on the south side of Route 741 in the township of Paradise. Earl D. Ranck Estate. Leaman & Buchen Auction Service. 717-299-5791.

FRI. AUG. 19 - 6:30 P.M. Consignment Sale of Feeder Cattle and Feeder Pigs at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don and Walt Keister, Owners; Art Kling and Larry Long, Auctioneers.

SAT. AUG. 20- 10 A.M. Antique Sale for F. L. Ream, Ephrata, Penna. Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and J. M. Witman, Auctioneers.

SAT. AUG. 20-2 P.M. Public Auction of 106 acre farm for Roger Thome near Milton Grove, Pa. Sale conducted by J. Omar Landis and Jay M. Witman, Auctioneers.

SAT. AUG. 27 - 12:00 Noon Sharp Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Route 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don and Walt Keister, owners; Art Kling and Larry Long, Auctioneers.

SAT. AUG. 27-10 A.M. Public Auction of Real Estate (2 acre Farmette) Antiques and Household for Milton Hershey, Penryn, Pa. Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneers.

SEPTEMBER

SAT. SEPT. 10-10 A.M. Coin Sale for F. L. Ream, Ephrata, Pa. Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneers.

SAT. SEPT. 17-10 A.M. Brethren Disaster Relief Auction to be held at the Lebanon County Fair Grounds, south of Lebanon. Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneer.

OCTOBER

SAT. OCT. 1-10 A.M. Public Auction of 22½ acre Farm, some farm machinery and antiques for the David Todd Estate midway between Manheim and Penryn along the White Oak Road. Sale conducted by J. Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneer.

SAT. OCT. 1. 125 acre dairy farm for the Allen Funk Estate located along Route 322 East on Fontana, Lebanon County, Pa. Harry Bachman, Auctioneer.

Auctioneer's Directory

ROBERT L. HOLSINGER
R.D. 2
Lititz, Pa. 17543
LICENSED AND BONDED
AUCTIONEER
PHONE:
717-626-4844

J. ROBERT WALTON
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EVERY TUESDAY AT 12 NOON
PAUL Z. MARTIN SALES STABLES
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s located along Route 340 2 miles east of ourse, Pa., 4 miles south of New Holland.
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STABLES: 717-768-8108.

COW SALE
FRIDAY NITE
JUNE 17, 8 P.M.
50 HEAD TOP QUALITY COWS
WISCONSIN - CANADIAN
FIRST CALF HEIFERS - PUREBRED STOCK BULL
For additional information on Bloodlines and Production call Thursday, June 16 - 717-569-2106.
held at the Black & White Holstein Farm located just West of Lancaster, on Dairy Lane. Exit 283 West of Lancaster at Flory's Mill Rd., turn left then right around mill to farm.
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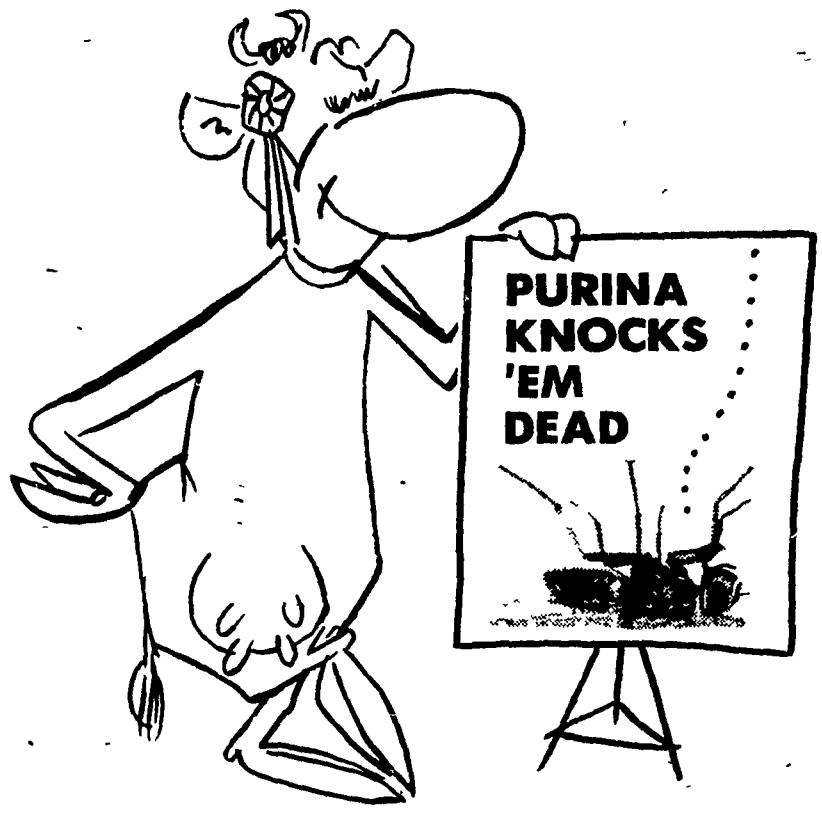

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100% SAFE FOR DAIRY COWS

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PURINA LARVICIDE BLOCK COSTS LESS TO FEED

PURINA SALT TYPE BLOCK	VS	COMPETATIVE MOLASSES TYPE BLOCK
2½ OZ. PER HEAD PER DAY		5½ OZ. PER HEAD PER DAY
$10.45 PER 40 lb. BLOCK = 1.6c PER OZ.		$6.50 PER 40 lb. BLOCK = 1.0c PER OZ.
2½ OZ. PER HEAD PER DAY × 1.6¢ COST PER OZ.		5½ OZ. PER HEAD PER DAY × 1.0¢ COST PER OZ.
4c COST PER HEAD PER DAY		5½c COST PER HEAD PER DAY

ONE 40 lb. BLOCK per 40 COWS per week $10.45 per block

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GORDONVILLE, PA. 17529

JOHN B. KURTZ
PHONE: 717-354-4616
717-665-6023
RD3, EPHRATA, PA. 17522

JOHN J. HESS, II, INC.
PHONE: 717-442-4632 or 717-442-4183
PARADISE, PA. 17562

FRANKLIN FEED AND SUPPLY CO.
PHONE. 717-264-6148
CHAMBERSBURG, PA. 17201

WEST WILLOW FARMERS ASSN., INC.
PHONE: 717-464-3431
WEST WILLOW, PA. 17583

PURINA HEALTH PRODUCTS

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PHONE: 717-665-2186

UMBERGER'S, INC.
PHONE: 717-866-2324
RICHLAND, PA. 17087

UMBERGER'S MILL
PHONE: 717-867-5161
FONTANA, PA 17042

IRA B. LANDIS
PHONE: 717-665-3248
BOX 276, RD3
MANHEIM, PA. 17545

WENGER'S FEED MILL INC.
PHONE: 717-367-1195
RHEEMS, PA. 17570

W.E. MANIFOLD & SONS
PHONE: 717-382-4805
FAWN GROVE, PA. 17321

LEHMAN FEED STORE
PHONE: 717-528-4151
YORK SPRINGS, PA.